University of Allahabad

M.A./M.Com./M.Sc./M.Tech. ADMISSION TEST AND ADMISSIONS SESSION 2012-2013

BROCHURE

ACADEMIC DEPARTMENTS

FACULTY OF ARTS
- Ancient History, Culture & Archaeology (CAS)
- Anthropology
- Arabic & Persian
- Education
- English & Modern European Languages
- Geography
- Hindi & Modern Languages (DSA)
- Journalism & Mass Communication
- Medieval & Modern History
- Music & Performing Arts
- Philosophy (DSA)
- Physical Education
- Political Science
- Psychology (CAS)
- Sanskrit & Prakrit and Oriental Languages
- Sociology (New Course)
- Urdu
- Visual Arts

FACULTY OF COMMERCE
- Commerce & Business Administration
- Economics

FACULTY OF LAW
- Law

FACULTY OF SCIENCE
- Bio-Chemistry
- Botany
- Chemistry
- Defence & Strategic Studies
- Earth & Planetary Science
- Electronics & Communication
- Home Science
- Mathematics (DSA)
- Physics (DSA)
- Statistics
- Zoology

INSTITUTES
- Institute of Interdisciplinary Studies (IIDS)
  (a) Centre for Film & Theatre
  (b) Centre for Gandhian Studies
  (c) Centre of Bio-informatics
  (d) Centre of Bio-technology
  (e) Center of Environmental Sciences
  (f) Centre of Globlization & Development Studies
  (g) Centre Materials Science
  (h) Centre of Women Studies
  (i) K. Banerjee Centre of Atmospheric & Ocean Sciences
  (j) M.N. Saha Centre of Space and Studies
  (k) Nano Technology Application Centre
- Institute of Professional Studies (IPS)
  (a) Centre of Computer Education
  (b) Centre of Fashion Design & Technology
  (c) Centre of Food Technology
  (d) Centre of Media Studies
  (e) e-Learning Initiative
- National Centre of Experimental Mineralogy and Petrology

CONSTITUENT UNIVERSITY INSTITUTE
- Govind Ballabh Pant Social Science Institute

TEMPORARY SELF-FINANCING UNIVERSITY INSTITUTE
- The Institute of Correspondance Cources & Continuing Education (ICCE).

INDEPENDENT CENTRE
- Centre for Behavioral & Cognitive Science

Note : The candidate is strongly advised to go through this brochure carefully before filling up OMR From that has been supplied with it.

This brochure contains the following Sections:

IMPORTANT NOTE

1. This information brochure is for the general guidance of the applicants. The admission Test and admission to the Post graduate degree courses shall be governed by the relevant provisions of the University of Allahabad Act, 2005 and the First Ordinances made under section 29(2) University of Allahabad Act, 2005.

2. The information / executive instructions of the Government of India, the regulations/ norms issued by the UGC and the order/judgements of the Hon'ble Supreme Court of India and the Hon'ble High Court at Allahabad shall be strictly followed with regard to reservation of seats in admission to the PG courses mentioned in the brochure.

3. The information in the brochure is complete. However, any subsequent change will be made available on the University Post Graduate Admission Test website **'www.auadmission.co.in'.** The admission to any PG course is suggestive of the fact that the terms and conditions laid down in the brochure are acceptable to the candidate and his/ her guardian. The existing provisions of the Act, Statutes, Ordinances and Rules framed by the University and those modified from time to

time shall govern the candidate. Any change in the rules, regulations, fee, special conditions, etc. shall mutatis mutandis apply to the admitted student.

4. The University of Allahabad reserves all the rights to conduct PGAT-2012 and any decision taken by the University in this regard shall be final and binding on all applicants.

5. Ragging in the University of Allahabad is strictly prohibited as per orders of the Hon'ble Supreme Court of India. The orders of Hon'ble Supreme Court have been communicated by the UGC letter no. Fl-8/2006 (CPP-II) dated March 4, 2007. If any incident of ragging is reported it will invite strigent penal action according to law and as per directives of the Hon'ble Supreme Court of India.

6. This Brochure is being issued in Hindi and English versions, and in case there is any discrepancy between the two versions, the **English version shall prevail.**

7. **The applicant is advised to get himself/ herself photographed in such a manner, so that the photograph should bear the name of applicant clearly and size of photograph should not be more than the box specified in OMR Registration form. (3.0 cm × 3.5 cm colour photograph is suitable)**

SECTION-I
GENERAL INFORMATION

1.1 University of Allahabad shall conduct Post Graduate Admission Test, hereinafter called PGAT-12 for admission to various Post-Graduate courses/subjects of the University of Allahabad for the session 2012-13, as specified (along with their numerical codes and number of seats) in the TABLE-I on inner cover page of this Brochure. Admission will be made according to merit in the PGAT-12, subject to fulfilling the eligibility requirements mentioned below and availability of seat in the particular course for which the candidate has applied for and appeared in the PGAT-12.

NOTE

(1) Candidates eligible to appear in the M.A. Admission Test, under the provisions of paragraph 1.2 and its sub-paragraphs and paragraph 1.6, must submit a single (i.e. only one) Form for the **M.A. Admission Test** and shall not submit any form for the M.Com. and M.Sc. Admission Tests.

(2) Candidates eligible to appear in the M.Com. Admission Test, under the provisions of paragraph 1.2 and its sub-paragraph and paragraph 1.6 must submit a single (i.e. only one) Form for the **M.Com. Admission Test** and shall not submit any Form for the M.A. and M.Sc. Admission Test.

(3) Candidates eligible to appear in the M.Sc. Admission Test, under the provisions of paragraph 1.2. and its sub-paragraph and paragraph 1.6 must submit a single (i.e. only one) Form for the **M.Sc. Admission Test** and shall not submit any Form for the M.A. and M.Com Admission Test.

(4) Candidates appearing for the M.A. Admission Test may indicate on the Form their choice for admission in either of **two** of their subjects in which they have appeared at the B.A. Part III Examination or in their (single) main subject at the B.A. (Honours) Examination, under the provisions of paragraphs 1.3.1, 1.3.4 and 1.3.6 and also may indicate their choice for admission in two M.A. subjects for which they are eligible to be considered under the provisions of paragraph 1.4, as non-subject candidates.

(5) Candidates for the M.Com. Admission Test may (apart from M.Com.) indicate on the Form their choice for admission in two M.A. subjects for which they are eligible to be considered, under the provision of paragraph 1.4, as non-subject candidates.

(6) Candidates for the M.Sc. Admission Test may indicate on the Form their choice for admission in either of two of their subjects in which they have appeared at the B.Sc. Part III Examination or in their (single) main subject at the B.Sc. (Honours) Examination, under the provisions of paragraphs 1.3.3, 1.3.5 and 1.3.6 and also their choice for admission in up to two of the following - M.Com., M.Sc. in Defence Studies (in case Defence Studies was not one of their subjects in B.Sc. III examination or was not their main subject in the B.Sc. (Honours) and M.A. subjects for which they are eligible to be considered, under the provisions of paragraph 1.4, as non-subject candidates.

(7) **Seperate Form** must be submitted for admission to **any one** of the following courses/ subjects, for which **seperate Admission Test** shall be held.

(i) M.Sc. in Agricultural Sciences (Agricultural Botany, Agricultural Chemistry & Soil Science and Agricultural Zoology & Entomology). There is **one common form** for all these subjects.

(ii) M.A./M.Sc. in Anthropology.

(iii) M.Sc. in Bio-Chemistry.

(iv) M.A. in Mass Communication

New Courses

(Please read very carefully for Rule and Regulation and Eligibility criteria, Syllabus on page nos. ......

(v) M.F.A. (Master in Fine Arts)

(vi) M.Sc. in Cognitive Science

(vii) M.A. in Theatre & Film

(viii) Master in Development Studies

(ix) M.Sc. in Material Science

(x) Integrated M.Tech. in Earth System Sciences

(xi) M.Sc. in Bioinformatics

(xii) M.Sc. Environmental Science

(xiii) M.Sc. in Textile and Apparel Designing

Note:

- Admission in M.A. **Arabic and Persian** will be done through merit from the eligible candidates. The Admission Forms will be available separately from Registrar Office, University of Allahabad.

- Admission in M.Tech. (Electronics Engineering) will be done through merit of GATE and qualifying graduation degree. Intake capacity is 27 seats. The Admission forms will be available separately from Registrar Office. University of Allahabad.

TABLE - 1

SUBJECT / COURSE

PART A : SUBJECTS		NUMERIC CODE	No. of Seats
(i)	**For M.A.**		
	Ancient History	01	154
	Economics	02	185
	Education	03	31
	English Literature /Language	04	262
	Hindi	05	308
	Medieval & Modern History	06	169
	Music (Vocal, Sitar, Tabla)	07	31+23+31
	M.Mus. (Vocal, Sitar, Tabla)	08	15+15+15
	Painting	09	31
	Philosophy	10	154
	Political Science	11	115
	Sanskrit	12	246
	Sociology **(NEW COURSE)**	13	30+4
	Urdu	14	137
(ii)	**For M.Sc.**		
	Botany	15	62
	Chemistry	16	108
	Physics	17	62
	Zoology	18	62
	Computer Science	19	45
	Earth & Planetary (Geology)	20	15
(iii)	**For M.A. & M.Sc. both**		
	Anthropology	21	15+15
	Defence Studies	22	23
	Geography	23	115
	Mathematics	24	185
	Psychology	25	45
	Statistics	26	31
(iv)	**For M.Com.**	27	269
PART - B : COURSES / SPECIAL SUBJECTS			
	M.Sc. in Bio- Chemisty	28	22
	M.Sc. in Agricultural Science (Agricultural Botany/ Agricultural Chemistry & Soil Science/ Agricultrual Zoology & Entomology)	29	15+17+15
	M.A. Mass Communication	30	45
PART - C : New Courses			
	M.F.A. (Master in Fine Arts)	31	26
	M.Sc. in Cognitive Science	32	23
	M.A. in Theatre & Film	33	10
	Master in Development Studies	34	20
	M.Sc. in Material Science	35	15
	Integrated M.Tech. in Earth System Sciences	36	15
	M.Sc. in Bioinformatics	37	20
	M.Sc. Environmental Science	38	19+12
	M.Sc. in Textile and Apparel Designing	39	10

1.2 Eligibility : Candidates who have passed the Qualifying Graduate Examination i.e. the B.A./ B.Sc./ B.Com. (Three Year Degree Course) Examination of the University of Allahabad or BA/B.Sc./B.Com (Three Year Degree Course or Honours Course) Examination of a University / Institution recognized in this regard by the UGC, or an Examination recognized by the University of Allahabad as equivalent thereto are eligible to appear for the **M.A./ M.Com./ M.Sc. Admission Test** (PGAT -2012) subject to the further provisions regarding eligibility as given in the following sub-paragraphs (1.2.1 to 1.2.8) and also subject to the provisions of paragraph 1.6 Candidates who have passed the Two-Year Degree Course Examination in or before 1987 are also eligible. Candidates who have passed the Two-year Degree Course Examination in or after 1988 and have cleared the Bridge Course Examination in the relevant subject/course are also eligible. **The eligibility requirements for the Admission Tests for M.A./ M.Sc. in Anthropology, M.Sc. in Bio-Chemistry, M.Sc. in Agricultural Sciences, M.Mus., M.A. in Mass Communication, M.Sc. in Computer Science and M.Sc. in Earth & Planetary (Geology) are given in sub-paragraphs 1.2.9 to 1.2.15.**

1.2.1 Candidates who have cleared the Bridge Course Examination in Arts/Scince shall be deemed to have passed the B.A./ B.Sc. (Three-year Degree Course) Examination in the single subject or the two subjects with which they have cleared the Bridge Course Examination, and candidates who have cleared the Bridge Course Examination in Commerce shall be deemed to have passed the B.Com. (Three-year Degree Course) Examination.

1.2.2 The Candidature of a candidate (and the admission granted on that basis) shall stand cancelled at any stage in case the candidate is found to be ineligible for appearing in the Admission Test.

1.2.3 For admission to **M.A. (in subjects other than Anthropology),** the candidate should have passed the B.A. Part III Examination in the same subject in which admission is sought or the B.A. (Honours) Examination with the same subject in which admission is sought as the main subject. In some subjects, certain candidates shall be eligible for admission as Non-subject candidates under the provisions specified in paragraph 1.4 and its sub paragraphs, provided they have indicated in the Form their choice for being considered as non subject candidates for these subjects. Candidates desirous of admission to M.A. in Painting, Music and Statistics must also see paragraph 1.2.6, 1.2.7 and 1.2.8.

1.2.4 For admission to **M.Com.,** The candidate should have passed the B.Sc. Examination or the B.Com/ B.Sc. (Honours) Examination.

1.2.5 For admission to **M.Sc. (in subjects other than Earth & Planetary Science (Geology), Anthropology, Bio-Chemistry and Computer Science),** the candidate should have passed the B.Sc. Part III Examination in the same subject in which admission is sought or the B.Sc. (Honours) Examination with the same subject in which admission is sought as the main subject.

For M.Sc. in **Defence Studies,** certain candidates shall be eligible for admission as Non-subject candidates under the provisions specified in paragraph 1.4 and its sub paragraphs, provided they have indicated in the Form their choice for being considered as Non-subject candidates for Defence Studies. Candidates desirous of admission to M.Sc. in Statistics must also see paragraph 1.2.8.

1.2.6. For admission to **M.A. in Painting,** candidates who have passed the B.FA. (Four Year Course) or the **B.V.A.** (Four Year Course) Examination are also eligible.

1.2.7. Only **Female candidates** are eligible for admission to **M.A. in Music** (Vocal/Sitar/Tabla). Candidate who have passed the Sangeet Praveen/Alankar/ Nipun (or Similar) Examination recognized by the University as equivalent to the B.A. Examination in Music are also eligible for admission to M.A. in Music.

1.2.8. For admission to **M.A./ M.Sc. in Statistics,** if seats remain vacant after the admission of all eligible candidates who have passed the Qualifying Graduate Examination with Statistics, candidates who have passed the B.A./B.Sc. Part III Examination with Mathematics as a subject, with Statistics as a subject up to at least B.A./B.Sc. (Part II) Examination, or have passed the B.A. (Honours)/ B.Sc. (Honours) Examination with mathematics as the main subject and Statistics as a subsidiary subject, may also be considered for admission on the basis of merit.

1.2.9 For admission to **M.A./ M.Sc. in Anthropology,** candidates who have passed the B.A. Part III Examination with two subjects of the Social Science stream History, Political Science, Economics, Sociology, Psychology and Geography or the B.A./B.Sc. (Honours) Examination with Anthropology or a subject of the Social Sciences stream as the main subject, or the B.Sc./ B.Sc. (Honours) Examination shall be eligible.

1.2.10 For admission to **M.Sc. in Bio-Chemistry,** candidates who have passed the B.Sc. Part III Examination with Chemistry/ Biochemistry as one subject and Botany/ Physiology/ Zoology/ Biotechnology/ Microbiology/ Industrial Fish and Fisheries as the other subject, or the B.Sc. (Honours) Examination with Chemistry/ Biochemistry/Botany/Physiology/Zoology/ Biotechnology/ Microbiology as the main/ subsidiary subject (Chemistry/Biochemistry being preferably the main subject), or the M.B.B.S. Examination are eligible but candidates who have passed the MBBS Examination, are exempted, under paragraph 1.5.3 from the Admission Test.

1.2.11 For admission to **M.Sc. in Agricultural Science** (Agricultural Botany/ Agricultural Chemistry & Soil Science/ Agricultural Zoology & Entomology) only those candidates are eligible who have passed the B.Sc. (Agriculture) Examination (Four-Year Course).

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1.2.12   For admission to **M.Mus.** both female and male candidates, who have passed the B.Mus. (Three year Course) Examination or the B.A. Part III Examination with Music as one of the subjects, or the B.A. (Honours) Examination with Music as the main subject, or the Sangeet Praveen/ Alankar/ Nipun (or similar) Examination recognized by the University as equivalent to the B.A. Examination in Music, are eligible.

1.2.12   (a) The Department of Music and Performing Arts shall also conduct a **mandatory Practical Test of 100 marks** for all the candidates who appeared in the Admission Test for **M.A. Music and M.Mus.** The practical test will be conducted by the Music Department and the test will be held on **dates which will be announced later** by the department of Music. Candidates who appeared in Theory Test are advised to contact the Head of Music department for details of Practical Test.

Note :   For admission in M.A. in Painting, candidate has to appear in Practical Test of 100 marks (a) Life Drawing -120 minutes of 50 marks in any medium (b) Portrait - 120 minutes of 50 makes of water colour. The Practical Test will be conducted by the Visual Arts Department on **dates which will be announced later** by the department. The candidates are advised to contact the Head, Visual Arts Department for details of practical test.

1.2.13   For admission to M.A. in **Mass Communi-cation,** the Graduates of all subjects are eligible.

1.2.14   For admission to **M.Sc. in Computer Science** the eligibility conditions shall be exclusively as following:

(a) (i) A candicate who has passed B.Sc. (Three years degree course) with Mathematics and Physics/ Electronics/Computer Science/ Computer Maintenance/Computer Applications as two of his/her optional subjects up to B.Sc. Part II level, or an equivalent degree from any recognized University/Institution, with an aggregate of at least 50% marks (for all categories) are eligible.

(ii) Honours course students with Mathematics as one of the subjects; securing an aggregate of at least 50 % marks (for all categories) are also eligible.

(b) For admission to **M.Sc. in Computer Science** every candidate has to appear in two subjects. Subject-I Mathematics, which is compulsory, Subject-II Physics or Computer Science. (Candidate can choose any one of these two in Subject-II).

1.2.15   For admission to **M.Sc. in Earth & Planetary (Geology)** the eligibility conditions shall be as following :

A candidate who has passed B.Sc. (Three Year Degree Course) with any two of the following subjects up to B.Sc. Part II level are eligible, (i) Physics (ii) Mathematics (iii) Geology. Candidate has to appear in any two of the above subjects for test.

1.3   **Appearance in the Admission Test** : Every candidate (other than candidates exempted from the admission test under paragraphs 1.5) who fulfils the eligibility criteria, under paragraph 1.2 and its sub-paragraphs, is required to appear in the M.A./ M.Com/M.Sc. Admission Test, in accordance with the provisions given in the following sub paragraph (1.3.1 to 1.3.5). Candidates desirous of admission in M.Sc. in Bio-Chemistry, M.Sc. in Agricultural Sciences, M.A/ M.Sc. in Anthropology, M.A. in Mass Communi-cation are required to appear in the separate Admission Test for these courses/ subjects, and their admissions are not allowed on the basis of the general M.A./M.Sc. Admission Test.

1.3.1   Candidates who have passed the B.A. Examination, including candidates governed by paragraph 1.6, and are desirous of admission to M.A. in subjects other than Anthropology, including subjects for which they would be Non-subject candidates under sub-paragraphs, are eligible to appear in the **M.A. Admission Test in the two subjects with which they have passed B.A. Part III Examination.**

1.3.2   Candidates who have passed the B.Com/B.Com. (Honours) Examination, including candidates governed by paragraph 1.6, who are desirous of admission to M.Com., or as Non-subject candidates to the relevant M.A. subjects, are eligible to appear in the **M.Com Admission Test.**

1.3.3   Candidates who have passed the B.Sc. Examination, including candidates governed by paragraph 1.6, and are desirous of admission to M.Sc. in subjects other than Bio-Chemistry, Agricultural Sciences, Anthropology, Applied Geology and Computer Science or to M.Com or as Non-subject candidates to the relevant M.A. subjects, are eligible to appear in the M.Sc. Admission Test in the two subjects with which they have passed B.Sc. Part III Examination.

1.3.4   Candidates who have passed the B.A. (Honours) Examination and are desirous of admission to M.A. in their main Honours subject (not being Anthropology), or as Non-subject candidates to relevant M.A. subjects, or having passed the **B.A. (Honours) Examination with Mathematics** as the main subject are desirous of also being considered for admission to M.A. in statistics (under sub-paragraph 1.2.8) are eligible to appear in the M.A Admission Test only in their main Honours subject.

1.3.5   Candidates who have passed the B.Sc. (Honours) Examination and are desirous of admission to M.Sc. in their main Honours subject (not being Anthropology or Bio-Chemistry), or to M.Com or as Non-subject candidates to relevant M.A. subjects, or having passed the B.Sc. (Honours) Examination with Mathematics as the main subject are desirous of also being considered for admission to M.Sc. in Mathematics (under sub-paragraph 1.2.8), are eligible to appear in the M.Sc. Admission Test only in their main Honours subject.

1.3.6   In case the M.A./ M.Sc. Admission Test is being organized in only a single subject out of the two subjects in which the candidate could appear under sub-paragraphs 1.3.1, 1.3.3, 1.3.4 or 1.3.5, the candidate shall appear in the Admission Test in

such single subject only.

1.3.7 **The candidature of candidates who appear in the M.A./M.Sc. Admission Test in a sub-ject in which they are not eligible to appear under the provisions of sub paragraphs 1.3.1 to 1.3.5, and their Admission Test result for such subject, shall stand cancelled.**

1.3.8 Candidates enrolled in M.A./ M.Com./ M.Sc. D.Phil./ Ph.D. in the University of Allahabad or elsewhere or already holding the M.A./ M.Com./ M.Sc./ D. Phil./Ph.D. degree in any subject, are not eligible to appear in any Admission Test. However in special cases, where a prospective candidate claims a genuine interest in pursuing studies in a new Post-graduate progamme and present credible evidence in affirmation of such genuine interest, a Committee constituted by the Vice-Chancellor of the University will consider such representation.

1.3.9 Not with standing the provisions of paragraph 1.3.8, candidates enrolled in M.A./ M.Sc. in a particular subject in the University of Allahabad or elsewhere or already holding the M.A./ M.Sc. degree in a particular subject are not permitted to appear in the M.A./ M.Sc. Admission Test in the same subject and similarly candidates already enrolled in M.Com. in the University of Allahabad or elsewhere, or already holding the M.Com. Degree, are not permitted to appear in the M.Com. Admission Test in any circumstance. In case such candidates appear in the concerned Admission Test despite this prohibition, their candidature for the same (and the admission granted on that basis) shall stand cancelled at any stage.

1.4. Non-subject Candidates : The admission of Non-subject candidates to M.A. in certain subjects, as well as to M.Sc. in Psychology and Defence studies, is governed by the provisions of the following sub paragraphs 1.4.1 to 1.4.5.

1.4.1 For admission to M.A. in Ancient History, Economics, Education, English, Hindi, Medieval & Modern History, Philosophy and Political Science and to M.A./ M.Sc. in Psychology and Defence Studies, candidates who have passed the B.A./B.Sc. Part III Examination without these subjects, or the B.Com/ B.Com. (Honours) Examination, shall be eligible to be considered for admission as non-subject candidates up to the limit of 10% of the approved seats in each of these subjects, but in the case of Economics, the non-subject candidates must have studied Econo-mics or Mathematics or Statistics as one of the subject up to at least the B.A./B.Sc. Part II level.

1.4.2 Non-subject candidates who qualify in the Admission Test, under sub-paragraph 1.4.1, may be required to undergo further assessment by the Department concerned to determine their suitability for admission to the concerned subject. In the case of admission to Psychology, before such further assessment is carried out, the Head of the Department may arrange the non-subject candidates who qualify in the Admission Test in an over-riding order of priority on the basis of the

Qualifying Graduate Examination passed or the subjects of the candidates at the same. Candidates desirous of being considered as Non-subject candidates are strongly advised to ascertain from the concerned Departments the provisions governing the admission of non-subject candidates before submitting their From.

1.4.3 Candidates (other than those exempted from the Admission Test under paragraph 1.5), who fulfill the eligibility criteria under paragraph 1.2 and its sub-paragraphs for being a **non-subject candidates shall have to appear in M.A/ M.Sc. Admission Test in the two subjects in which they have passed the B.A/ B.Sc. Part-III examination.** The standardized score of such candidate (under paragraph 2.2 of SECTION II,) for purposes of admission as a non-subject candidate in relevant subjects or in M.Com., shall be determined by calculating the average of their Admission Test score in two subjects in which they have appeared. (For normalization suitable scaling formula may be applied as decided by core committee of PGAT-2012)

1.4.4 In case the M.A./M.Sc. Admission Test is being organized in only a single subject out of the two subjects in which the candidate could appear under sub-paragraph 1.3.1 or 1.3.2 the Standardized Score of such candidate (under paragraph 2.2 SECTION II) for purpose of admission as non-subject candidate in relevant subjects or in M.Com., shall be determined only on the basis of the Admission Test score in such single subject. (For normalization suitable scaling formula may be applied as decided by core committee of PGAT-2012)

1.4.5 In case the M.A/M.Sc. Admission Test is being organized in both the subjects in which the candidate could appear under sub paragraph 1.3.1 or 1.3.2 but the candidate appears in only one of the two subjects the Standardized Score of such candidate for purposes of admission as a non subject candidate shall be determined by treating the Admission Test score in the subject in which the candidate has not appeared to be zero (0).

1.5. Exemption from the Admission Test and Special Consideration : The provisions relating to the categories of candidates who are eligible for exemption from the Admission Test, and the conditions governing such exemption , and the categories of candidates who, having appeared in the Admission Test are entitled to Special Considerations, are specified in the following sub-paragraph 1.5.1 to 1.5.5

1.5.1. Foreign nationals shall not be required to appear in the Admission Test, and their cases for admission shall be governed by the provisions of paragraph 2.2 of SECTION II.

1.5.2. Non-Resident Indians (NRI), i.e. An Indian national domiciled abroad, or NRI wards, who have graduated from a foreign University, shall not be required to appear in the Admission Test, and their cases for admission shall be governed by the provision of paragraph 2.3 and 2.6.1 of SECTION II.

1.5.3. Candidate for admission to M.Sc. in Bio-Chemistry who have passed the M.B.B.S. Examination and desirous of seeking admission to M.Sc. in Bio-Chemistry shall not be required to appear in the Admission Test, and their cases for admission shall be governed by the provisions of paragraph 2.3 of SECTION II.

1.5.4. Serving Officers of the Armed Forces, having the qualifications prescribed in the Ordinances and Regulations, shall be eligible for admission to supernumerary seats in M.Sc. in Defence Studies under rules prescribed in this regard.

1.5.5. The provisions, on Special Considerations for certain categories, of candidates who are required to appear in the Admission Test, are specified in SECTION II.

1.5.6. **For admission to M.F.A. (Master in Fine Arts), M.Sc. in Cognitive Science, M.A. in Theatre & Film, Master in Development Studies, M.Sc. in Material Science, Integrated M.Tech. in Earth System Sciences, M.Sc. in Bioinformatics, M.Sc. Environmental Science, M.Sc. in Textile and Apparel Designing subjects please see the seperate elegibility criteria page no. 52-57.**

1.6. **Provisional Admission to certain categories of graduates of the University of Allahabad:**
An examinee who has appeared for the B.A./ B.Sc./ B.Com. (Part III) Examination of the University of Allahabad for the year 2012 and has not been successful in the said examination but is eligible to appear, and is appearing in the Second Examination (Back Paper) of 2012 for the same, shall be eligible to appear in the concerned Admission Test and also to be considered for admission, provided he is not ineligible on any other ground. Such candidate must submit the Form and appear for the Admission Test along with successful examinees. Upon securing an appropriate place in the order of merit of successful candidates such candidate may be granted provisional admission, but such provisional admission shall automatically stand cancelled in case such candidate is not successful in the Second Examination. This facility is not admissible to candidates who have graduated from other Universities.

1.61. An examinee who has appeared for the B.A./B.Sc./ B.Com. (Part III) Examination of the University of Allahabad or any other University for the year 2011 and his result is not declared shall be eligible to appear in the concerned Admission test. Such candidates if successful must submit their result/ marksheet at the time of admission in the respective departments, other wise they will not be considered for admission in Post Graduate course applied for.

1.7 **Reservation :** Seats shall be reserved for certain categories of candidates in all subjects/courses for which the Admission Test has been held, in accordance with the provisions of the following sub-parapgrphs 1.7.1 to 1.7.6.

1.7.1 Seats in each subject-course will be reserved for candidates belonging to the Scheduled Castes (SC) category, the Scheduled Tribes (ST) category and Other Backward Classes (OBCs):
 (i) For candidates belonging to SC category: 15%
 (ii) For candidates belonging to ST category : 7.5%
 (iii) For candidates belonging to OBCs category: 27% for the session 2012-13 as per THE CENTRAL EDUCATIONAL INSTITUTION (Reservation in Admission) ACT, 2006 and also as per the letter of the Ministry of the Human Resource Development regarding implementation of Reservation in Admission in respect of persons belonging to Socially and Educationally Backward Classes (OBCs).

1.7.2 The notifications / executive instructions of the Government of India, the regulations/ norms issued by the University Grants Commission (UGC) and the directions/ observations (if any) of the Hon'ble Supreme Court and the Hon'ble High Court shall be strictly followed with regard to the reservation of seats in admission.

1.7.3 In case the seats reserved for candidates belonging to ST category remain vacant on account of the non-availability of candidates, such vacant seats shall be adjusted with the seats reserved for candidates belonging to SC category.

1.7.4 In case the seats reserved for candidates belonging to SC category remain vacant on account of the non-availability of candidates, such vacant seats shall be adjusted with the unreserved (general) seats.

17.5 **Only such candidates shall be eligible for admission on the reserved seats as have mentioned their category of the concerned reserved category in the OMR Form On-Line Form.**

1.7.6 Three percent of approved seats in each subject or course shall be reserved for Physically Challenged (Orthopaedically challenged 1%, Blind 1% and Hearing impairments 1%).

1.8 **Entries made by the candidate in the Form shall be considered final, and no subsequent request for change(s) or modi-fication(s) in the same shall be entertained.**

SECTION-II
ADMISSION RULES AND PROCEDURE

2.1 Admissions to the courses of study referred to in SECTION II are governed by the relevant provisions of the University of Allahabad Act 2005 and the first ordinance made under section 29(2) of University of Allahabad Act 2005.

2.2 In the case of such candidates as may be exempted from the Admission Test, the Standardized Score, for any subject shall be calculated, for the denominator of 300, on the basis of the marks obtained in such subject in all the Parts of the Three-year Degree Course examination taken together.

2.3.1.1 The marks obtained by the candidate in the Admission Test for M.A./M.Sc. in any subject (on the denominator of 300) shall be his Standardized Score for such subject in general. However, for

admission in M.A./M.Sc. in Statistics, the marks obtained in the Admission Test for Mathematics shall be the Standardized Score for a candidate who has passed the Graduate examination with Mathematics but without Statistics.

2.3.1.2 The marks obtained in both the subjects in the M.A./ M.Sc. Admission Test shall be converted to the Standardized Score by summing up the marks obtained in test in the two subjects and calculating standardised score on the denominator of 300. Such standardised score will be used for calculation of merit for admission to M.Sc. Computer Science, M.Sc. Applied Geology as well as in the case of the Non-subject category and for admission to Hostels. When two candidates secure the same Standardized Score, inter-se merit shall be decided on the basis of the total marks obtained by the candidate at the Graduate examination after excluding the marks obtained in the Practical Examination. If there is a tie once again, the same shall be decided by draw of lots.

2.3.1.3 The total of the marks obtained in both the subjects in the M.A./ M.Sc. Admission Test as calculated for a denominator of 300, shall be the Standardized Score of the candidate for the M.A. subject, as well as for M.A./M.Sc. in Defence Studies, for which he/ she is a Non-subject candidate and for M.Com. In case, in the circumstances referred to 1.4 of SECTION I, the candidate has appeared in the Admission Test in a single subject, as marks obtained by him in such single subject, as calculated for a denominator of 300. **In case the candidate is required to appear in two subjects in the M.A./M.Sc. Admission Test but has appeared in only one subject, for the calculation of his Standardized Score under this Rule, it shall be deemed that his score in the second subject, in which he did not appear, is zero (0).**

2.3.1.4 The marks obtained by the candidate in the M.Com. Admission Test, calculated for a denominator of 300. shall be his Standardized Score for M.Com. and for those subjects of M.A. for which he is a Non-subject candidate.

2.4.1 **The Computed Marks** of all candidates (who have appeared in the Admission Test), for each subject of M.A./M.Sc, and for M.Com.. shall be determined in accordance with the procedure laid down in paragraph 2.5 of this section. Admission shall be made in each subject and in M.Com up to the limit of seats available in the same, in the consolidated order of merit of Computed Marks, but admission shall be granted to candidates of Special Categories (such as. Non-subject candidates. Arts and Science graduates for admission in M.A./ M.Sc. Anthropology, Outstanding Sportspersons, Physically Challenged, etc.) only up to the maximum limit (ceiling) of seats assigned to each such category, Separate orders of merit shall be drawn for unreserved (General) seats and for reserved seats for the Scheduled Castes, Scheduled Tribes and other categories for which reservation is applicable. The candidates eligible for admission under the Special Consideration specified in paragraph 2.6 of this section shall be granted admission irrespective of their place in the order of merit list but without exceeding the prescribed ceilings in that regard.

2.4.2 The Computed marks of the candidate who. after passing the qualifying graduate examination of the University of Allahabad and qualifying in - (i) the Admission Test for M.A./' M.Sc in Anthropology. M.Sc. in Bio-Chemistry or M.Com or (ii) the Admission Test in any other subject of MA.' M.Sc.. features lowest in the merit order of admitted candidates in the concerned course/subject, shall be the Cut-off Marks for admission to the said course/ subject, and any candidate of any other category, as well as any candidate who is eligible for consideration for provisional admission under paragraph 1.6 of SECTION! with lesser Computed Marks than such Cut-off Marks shall not be eligible for admission to such course' subject However, this restriction shall not be applicable to candidates governed by the Special Consideration under paragraph 2.6 of this Section

2.5. For the calculation of the Computed Marks of a candidate, a **discount** will be applied or a **weightage** will be added to his Stan- dardized. Score in accordance with the following provisions:

2.5.1 For admission to any subject of M.A./M.Sc. or to M.Com., preference shall be given to fresh graduates (i.e. candidates who have passed the qualifying graduate examination for the immediately preceding academic year) over graduates of earlier years. Accumulative discount at the rate of 5% of the Standardized Score shall be applied for every gap year in case of earlier graduates, subject to the maximum discount of 15%.

2.5.2 A weightage of 5% of the Standardized Score shall be added to the Standardized Score of a candidate who holds the 'C certificate of the National Cadet Corps **(NCC).**

2.5.3 Weightage as per Central Government norms shall be given to **Kashmiri Migrants.** In order to avail of this weightage, the candidate shall have to present a certificate to this effect from an Officer of the Ministry of Human Resource Development not below the rank of Joint Secretary or equivalent.

2.6 The following special consideration as provided in 2.6.1, 2.6.2 and 2.6.3, shall be applicable to

candidates for admission to any subject of M.A./ M.Sc. or to M.Com. and who are Foreign nationals.

2.6.1 Foreign nationals who have applied through the International Students' Advisor in accordance with the procedure laid down by the Post Graduate Admission Board in this regard, shall not be required to appear in the Admission Test for any subject of M.A./M.Sc. or for M.Com., but shall be considered for admission on the recommendation of a Committee constituted for the purpose, which shall examine their academic credentials and certificates before making any recommendation.

2.6.2 Candidates who are Outstanding Sportspersons, i.e. Captains of University Teams, or University Colour-holders, or members of University teams which have participated in any Inter-University tournament, may on the basis of the recommendation of the President of the Athletic Association of the University to this effect be considered for admission up to the limit of 2% of the approved seats in the concerned subject or in M.Com. This privilege shall not be extended except if the candidate has duly made a claim to this effect on the Form.

2.6.3 A candidate who has a certified disability of not less than 40% in any limb or in orthopaedic structure, or is certified blind or has hearing impairment which, in the judgement of the Assessment Committee specified below, amounts to an overall physical handicap of not more than 70%, may be admitted to the concerned subject in M.A./ M.Sc. or to M.Com., irrespective of his position in the order of merit of Computed Marks, on the unanimous recommendation of the said Committee, in case he can pursue the study of such subject or of M.Com. without difficulty, but the number of such candidates shall not exceed 3% of the approved seats in the same. This privilege shall not be extended except if the candidate has duly made a claim to this effect on the Form. At the time of admission , a certificate issued by the Chief Medical Officer of the appropriate District or by the Viklang Kendra, Allahabad, which testifies to his disability and bears an attested photograph indicating his disability clearly, to be produced by the candidate.

Assessment Committee : The Assessment Committee shall consist of the Director of Admission (or his representative), the Dean of Students' Welfare (or his representative) and three Medical Doctors [At least two of the medical doctors should be present at any meeting].

2.6.4 A candidate who has been granted admission under any of the Special Considerations shall be adjusted, according to his social category, on the unreserved seats, or on the seats reserved for his social category, in the concerned subject in M.A./ M.Sc. or in M.Com.

2.7 All candidates for admission to M.A. and M.Sc. in Defence Studies/ Mathematics/ Statistics shall be arranged in combined order of merit and admitted on that basis. In all the said subjects only those candidates shall be admitted to M.Sc. who have passed the qualifying graduate examination with science subjects.

2.8.1. **The acceptance of the Application Form of the candidate shall be provisional and shall not give him any guarantee or right of admission.**

2.8.2 The place of a candidate in the order of merit for any subject in M.A./M.Sc. or for M.Com. shall be modified in case of an error in the calculation of his Computed Marks, and the admission of a candidate who is excluded from the said order of merit as a result of the rectification of his Computed Marks shall be cancelled.

2.8.3 The instructions regarding the enrollment of admitted candidates in the courses of subjects concerned, and other procedures to be under-taken by such candidates, as well as the penalties (including cancellation of admission) for failure to comply with the said instructions, shall be issued by the Post-Graduate Admission Board and shall be binding on the admitted candidates.

2.9 If a candidate uses or attempts to use unfair means or indulges in any other kind of improper activity, during the Admission Test, or during the processes precedent or subsequent to the Admission Test engages in any intimidatory, violent or other activity which disturbs or disrupts any of such processes or keeps a mobile phone during examination he shall be charged and punished for resorting to unfair means/ unfair practices. In such cases the procedure and penalty (which may extend from cancellation of his candidature/ admission to debarment from admission to the University and the institutions associated with it for one or more years or for ever) shall be determined by the Post Graduate Admission Test Board.

2.10 **The University reserves the right to refuse admission to any candidate without specifying any reason and to make changes in the rules and procedures for admission.**

2.11 The admission and enrollment of a candidate to any course of study in violation of these Rules, or of the Ordinances/ Regulations/ other provisions of the University, shall stand cancelled with retrospective effect if such violation comes to light at any stage.

2.12 If a candidate has given false information in the Application Form or has concealed any relevant fact or presented a misleading version of such

relevant fact, or enclosed any false or fraudulent document, his claim to be considered for admission shall stand cancelled and he shall be governed by the provisions of paragraph 2.10 of this section.

2.13 **The following provisions shall be binding on all students of the University.**

2.13.1 No student of the University (including any University Institute) is permitted to be admitted/ enrolled simultaneously in more than one degree-granting course of study (including research) in the University or to be admitted/ enrolled in any degree granting course of study in any other Institution (including a University or Constituent College or Constituent Institute of the University) during the pendency of his admission/ enrollment in a degree granting course in the University.

2.13.2 The admission/ enrollment of a student referred to in paragraph 2.13.1 in the course of study concerned in the University shall automatically stand cancelled with effect from the date of his admission/ enrollment in any degree-granting course of study in any other Institution, (including a University or Constituent College or Constituent Institute of the University).

2.13.3 In case a student referred to in paragraph 2.13.1 secures admission/ enrollment in a new degree-granting course of study in the University (including a University Institute) during the pendency of his admission/ enrollment in another earlier admission/ enrollment shall automatically stand cancelled with effect from the date of his later admission/ enrollment.

2.13.4 A student whose admission/ enrollment in a Post-graduate degree granting course of study (including Law) automatically stands cancelled under paragraph 2.13.3, but who at the time of such cancellation had earned eligibility to appear at any part of the examination of the said course of study as an ex-student may, upon passing the Final Examination of the new course of study referred to in paragraph 2.13.3, or upon the termination of his admission/ enrollment there in apply to the Examinations Committee for permission to appear in the said part of the Examination as an ex-student. However The Examination Committee shall not grant such permission except on the following conditions:

2.13.4.1 The record establishes that at the time of the said cancellation, he had earned the said eligibility.

2.13.4.2 Not more than four consecutive academic sessions have elapsed since the academic session in which he was admitted/ enrolled in the said part as a regular student.

2.13.5 No student of the University (including a University Institute) shall appear as a regular and / or an ex-student in the same academic session in any part of the examination of more than one degree-granting course of study.

2.13.6 A person who has been on the rolls of the University (including the University and Constituent Colleges and Constituent Institutes of the University) for a period of eight academic sessions or more (excluding the actual but not more than the permissible maximum period of enrollment as a research scholar) shall not be eligible for admission to any course of study.

2.13.7 No student of the University (excluding the Institute of Correspondence Courses and Continuing Education), other than one sponsored or permitted by his employer to attend (and fulfil the attendance requirements of) the course of study concerned, is permitted to engage whole-time employment or whole-time self- employment.

NOTE: Before submitting the Form, the candidate should ensure that his candidature is consistent with the Rules specified in paragraph 2.13.1-2.13.7, above.

SECTION-III

MODE OF THE ENTRANCE TEST

3.1 The entrance test for admission to M.A/ M.Sc./ M.Com. course for the session 2012-13, as specified in the first section of the Brochure, will be conducted simultaneously at eightcentres across the country viz. Allahabad, Bareilly, Bangalore, Delhi, Patna, Bhopal, Gorakhpur and Varanasi**. (If the number of candidates appearing at a particular centre is less than 50 then their examination centre may be given to the nearest available centre).**

3.1.1. The Entrance Test for admission to M.Sc. Cognative Science and Integrated M.Tech in Earth System Sciences will also be held at **Mumbai** and **Kolkata (If the number of candidates appearing at a particular centre is less than 50 then their examination centre may be given to the nearest available centre)**.

3.2 The candidates seeking admission to M.A. and M.Sc. Courses, shall have to appear in the test in both the subjects which they have studied in B.A./ B.Sc. lllrd year. But the candidates who have passed B.A/ B.Sc. (Honours) shall appear in the test in one main subject of Honours, as specified in section I of the Brochure.

3.2.1 Candidate seeking admission in M.Sc. Computer Science course, shall have to appear in test in two subject (i) Mathematics and (ii) Physics OR Computer Science:

3.2.2 Candidate seeking admission in M.Sc. Applied Geology shall have to appear in test in any two of the following subject.

(i) Physics (ii) Mathematics (iii) Geology.

3.3   The time duration of the PGAT-2012 will be of three hours for M.A. and M.Sc. courses (1.30 hours for each subject) and of 1.30 hours for M.Com, M.A/ M.Sc. Anthropology. M.Sc. Bio-Chemistry. M.Sc. Agricultural Sciences.. M. Mus. and M.A. Mass Communication. Additional 15 minutes shall be given for the distribution of booklets and filling up the entries on the cover page of the answer booklet of each subject.

3.4   There shall be combined questions-booklets each for M.A. and M.Sc. courses. M. Mus is included in M.A. There will be common question paper for M.A. Music & M.Mus. There shall be separate question papers for M.Com. M.A./ M.Sc. Anthropology. M.Sc. Bio-Chemistry. M.Sc. Agricultural Sciences and M.A Mass Communication. The question booklets shall consist of separate question papers of 300 marks for each subject covered under the above mentioned courses i.e. M.A. and M.Sc. The question papers of M.Com.. M.A./ M.Sc. Anthropology. M.Sc Bio-Chemistry, M.Sc. Agricultural Sciences and M.A. Mass Communication shall also be of 300 marks each. The pattern of questions papers will be uniform for all the subjects.

3.4.1   **New Courses : M.F.A. (Master in Fine Arts), M.Sc. in Cognitive Science, M.A. in Theatre & Film, Master in Development Studies, M.Sc. in Material Science, Integrated M.Tech. in Earth System Sciences, M.Sc. in Bioinformatics, M.Sc. Environmental Science, M.Sc. in Textile and Apparel Designing please see page no . 52-57.**

3.5   The candidate appearing in the test for admission to M.A. and M.Sc. courses, will be provided with two answer booklets-one for each subject which he/she has studied in B.A./ B.Sc. IIIrd year.The candidate appearing in one subject for admission to M.A./M.Sc. courses (only for honours students)M.Com./M.A./ M.Sc. Anthropology, M.Sc. Bio- Chemistry, M.Sc. Agriculture Sciences and M.A. Mass Communication will be provided with one answer booklet. Appropriate space will be marked for each answer in the answer booklet. The invigilators will collect the first answer booklet at the expiry of 1.30 hours, and the second answer booklet at the completion of the test. The candidates shall be required to solve the question papers in a single sitting and shall not be allowed to leave the hall before the completion of the test. **The detailed programme of the PGAT-2012 is given on the reverse of the cover page.**

3.6   For admission in M.A. Music (Vocal and Instrumental- Sitar/ Tabla) and M. Mus. besides the theory paper of 300 marks a Practical Test will also be conducted by the concerned department. The marks allotted for practical test will be 100 marks. The results shall be prepared and annouced on the basis of marks obtained both in the written test and the practical exams. For admission in M.A. Painting in also, Practical Test of 100 marks will be conducted by the department of Visual Arts. The results shall be prepared and annouced on the basis of marks obtained both in the written test and the practical exams.

3.7   The question paper of every subject in M.A./M.Sc. / M.Com. etc. entrance test will generally cover the syllabus of B.A./ B.Sc./ B.Com. Course of the University of Allahabad. The syllabus of PGAT-2012 is given in this booklet.

3.8   The following types of questions will be asked in all the test papers of the Admission Test:

3.8.1   Short answer type questions to be answered in about 50 words each

3.8.2   Medium answer type questions to be answered in about 150 words each

3.9   The candidates are advised to follow the instructions printed on the cover page of the answer booklet carefully.

3.10   Talking with other candidates in the examination hall, use or attempt to use unfair means, involvement in improper activities, interference in the proper conduct of the examination by the candidate himself oi with the help of other persons or flouting the official instruction are totally prohibited The candidates shall be punished for unfair means/ improper conduct if he transgresses any one of the prohibition.

3.11   The candidate must hand over his answer-booklet to the invigilator in the examination hall after the completion of the examination. If the candidate fails to hand over his answer booklet to the invigilator, or detaches one or more sheets from the answer-booklet or smuggles out the whole or the part of the answer booklet or hands over any other answer-booklet in place of the booklet which has been issued to him will be charged with unfair means and his examination will be cancelled.

3.12   The candidate should keep in mind that the Admission Test is to a measure of his knowledge in the subject as well as the speed of answering the questions. The candidate has to **compete** with other candidates for getting a place in the merit list in every subject of M.A./ M.Sc. and M.Com. Therefore it is expected of him that he would carefully read the instructions given in the booklet and should give an appropriate answer having understood the questions correctly. The word limit has to be adhered strictly.

3.13   The candidate has to bring his admit card compulsorily that has been issued to him with the signature of the Director PGAT-2012 in order to appear in the admission test. If a candidate fails

to bring the admit card he/she shall not be allowed to sit in the Admission Test.

3.14 Candidates are strictly prohibited to bring to the Admission Test premises and examination hall any improper/ unauthorized material, books, parts of books, hand written/ typed./ printed pages, sketches, photostat copies and other materials that could render unfair help in answering questions. The **use of calculators is strictly prohibited** in the Admission Test.

3.15 The candidate has to use a single colour ink/ ball pen refill in answering his questions. Therefore, the candidates should bring them in proper quantity while coming in to the examination hall.

3.16 Scrutiny or re-valuation of the answer-booklets of the Admission Test will not be permitted in any condition.

3.17 Use or possession of Mobile/Cellular Phones/ Electronic gadgets are strictly prohibited. If any candidate is found in possession these during the examination in the campus his examination would automatically be cancelled. He/She may be barred from all other University examinations as well.

SECTION-IV

INFORMATION AND INSTRUCTIONS RELATING TO THE ADMISSION TEST AND OMR FORM

4.1 There is only one kind of **Optical Mark Reader Form (OMR Sheet)** to be filled by the candidates for all Admission Tests, i.e. the general **M.A./M. Com./ M.Sc., M.Tech. Admission Test** and the separate Admission Test for **M.A./M.Sc. in Anthropology, M.Sc. in Bio-Chemistry, M.Sc. in Agricultural Sciences [M.Sc. (Ag.)], M.Sc. Zoology, M.A. in Mass Communication, M.F.A. (Master in Fine Arts), M.Sc. in Cognitive Science, M.A. in Theatre & Film, Master in Development Studies, M.Sc. in Material Science, Integrated M.Tech. in Earth System Sciences, M.Sc. in Bioinformatics, M.Sc. Environmental Science and M.Sc. in Textile and Apparel Designing, M.A. in Sociology.** The instructions in this regard are given in the following sub-paragraph 4.1.1. to 4.1.10 and paragraph 4.2. The OMR will be of **Pink colour** for **General /OBC** and of light **Orange colour** for **SC/ ST/PH** categories. The candidate must also read paragraph 4.3 The information sought is to be provided by blackening the appropriate box (circle) or boxes (circles) in each Box of the OMR sheet, and also by making entries, wherever required, in the capital letters of the English Alphabet or in English (International) numerals.

4.1.1 The candidate must submit the Form **(OMR Sheet) for only one course of study** from amongst M.A. (including M.Mus.), M.Com., and M.Sc. **and must submit a separate** OMR Sheet for any of other desired courses of study, i.e. M.A./M.Sc.

(Anthropology), M.Sc. (Bio-chemistry), M.Sc. (Ag.), and M.A. Mass Communication, M.F.A. (Master in Fine Arts), M.Sc. in Cognitive Science, M.A. in Theatre & Film, Master in Development Studies, M.Sc. in Material Science, Integrated M.Tech. in Earth System Sciences, M.Sc. in Bioinformatics, M.Sc. Environmental Science and M.Sc. in Textile and Apparel Designing.

4.1.2 The duly filled OMR Sheet is to be submitted to the Director Admissions {by hand only at Pravesh Bhavan, Chatham Lines, University of Allahabad} within the time and date given in the Brochure.

4.1.3 Since the OMR Sheet is to be processed by sophisticated scanners, **it should not be folded, stapled or pasted with any other document in any circumstances.**

4.1.4 THINK BEFORE YOU INK: The entries in the OMR Sheet should be made very carefully. Overwriting is to be avoided at all cost. Cutting, tearing, erasing and other amendations are also not permitted. The candidate is advised to get the OMR Sheet Photocopied, without damaging it, and make the entries in the Photocopy first. The original OMR Sheet may be transcribed from the filled Photocopy after final scrutiny of the entries on the same.

4.1.5 The OMR Sheet is scanned by very sensitive scanners. Therefore, you should use only a **Black Ballpoint pen** for the entries.

4.1.6 Paste (but do not staple or pin) your latest 3.0 cm **x** 3.5 cm Colour Photographs bearing your name at the specified places. **Black and white Photographs are strictly prohibited. The applicant is advised to get himself/ herself photographed in such a manner, so that the photograph should bear the name of applicant clearly and size of photograph should not be more than the box specified in OMR Registration Form.**

4.1.7 Use only the Capital letters (BLOCK letters) of the English Alphabet and English (International) numerals wherever required, otherwise your Form may be rejected.

4.1.8 The candidate must fill all the required entries in the OMR Sheet himself/herself in his/ her own handwriting, and must enter his/her signature at the specified place at the end of the Form. In case it is revealed at any stage that the candidate has not filled/ signed the Form himself/ herself the Form is likely to be rejected and the candidature of the candidate cancelled.

4.1.9 The candidate is solely responsible for all the entries in the Form. If the candidate conceals or misrepresents any fact in the entries on the Form, his/ her candidature shall automatically stand cancelled and he/ she shall be liable to be debarred from the present and future admissions in the University.

4.1.10 No alternation or modification is possible once the Form has been submitted.

4.2 **The Instructions for filling in different Box of the OMR Sheet are as follows:**

The applicant is advised to get himself/ herself photographed in such a manner, so that the photograph should bear the name of applicant clearly and size of photograph should not be more than the box specified in OMR Registration form.

Box 1: Box I, the candidate has to enter the course of study desired to be pursued, i.e. MA including M.Mus. or M.Com. or M.Sc or M.A (Anthropology) or M.Sc. (Anthropology) or M.Sc (Bio-Chemistry) or M Sc. (Ag.) or M.A. Mass Communication or M.Sc. Earth & Planetary (Geology), M.F.A. (Master in Fine Arts), M.Sc. in Cognitive Science, M.A. in Theatre & Film, Master in Development Studies, M.Sc. in Material Science, Integrated M.Tech. in Earth System Sciences, M.Sc. in Bioinformatics, M.Sc. Environmental Science, M.Sc. in Textile and Apparel Designing. The correct box must be blackened

Box 2: Box 2, the candidate has to write his/her name. The name should be written in the Capital letters of the English Alphabet. One box should be left empty after each part of the name. Titles such as Shri. Mr.. Km., Miss., Smt., Mrs.. Dr etc. are NOT To be written with the name. The appropriate box below each letter of the name is also to be blackened.

Box 3 : Box 3, the candidate has to indicate his/her Gender (Male or Female) by blackening the appropriate box.

Box 4 : Box 4. seeks important information on the social category of the candidate, which must be correctly entered, by blackening the box for the appropriate social category. The identifying Codes for the Social Categories are as follows:

  (i) **SC** stands for Scheduled Castes.
  (ii) **ST** stands for Scheduled Tribes.
  (iii) **OBC** stands for Other Backward Classes.
  (iv) **General** stands for unreserved class.

Box 5 : Box 5 is important as it relates to the Weightages and Special Considerations admissible to certain categories of candidates under paragraph 2.3 and 2.6 (2.6.1 to 2.6.4) of SECTION II Candidates who do not qualify for any such Weightages / Special Considerations should not make any entry in this Box. candidates who are entitled to the said Weightages/Special Considerations have* to blacken the relevant box or boxes, which are identified by the following Codes:

  (i) **N.C.C. C** stands for holder of the C Certificate of the N.C.C.
  (ii) Physically Challenged Stands for physical disability.
  (iii) Outstanding Sportsperson.
  (iv) Kashmiri Migrant.
  (v) Employee / Teachers Ward

The candidate must remember that each claim in respect of any of the foregoing four categories must be substantiated by blacken the relevant box on the OMR sheet. The concerned

Weightage/Premium shall not be granted if candidate has not blaken the relevant box on the OMR sheet.

Important Note for Box, 6a, 6b and 6c

  (i) The following points should be noted for filling Box 6a, 6b and 6c.
  (ii) The subjects in which the M.A./M.Sc. Admission Test is being organised are specified in Parts **A (i), A (ii) and A (iii) of the TABLE-I in second (inner) cover page of this Brochure.**
  (iii) The Numerical Codes are also given for subject and non-subject applied for PG. programme in TABLE 1 at the end of this section.
  (iv) The numerical codes of subjects persued at graduation level are given in Table-II.
  (v) In case any subject is not specified in the said Table, it should be indicated by the candidate, where required, by the Numerical Code 00.

Box 6a : Box 6a, the candidate has to blacken the Year of Exam, and Numerical Code of the two subjects offered at the B.A./B.Sc. Part III Examination as given in Table II. A candidate who has passed the B.A./B.Sc. (Honours) Examination has to blacken the Numerical Code of only one subject i.e. main subject for the Honours examination. In case one of the two subjects offered at the B.A./B.Sc. Part III Examination is not indicated in the said Table, the candidate should indicate the same enter [0][0] (by blackening the appropriate boxes) for the second subject.

Box 6b : Box 6b has to be filled in accordance with the provisions of sub-paragraphs 1.3.1 to 1.3.7 of paragraph 1.3 of SECTION 1, as follows:

  (i) A candidate for the M.A., M.Sc. Admission Test, who has passed (or appeared for) the B.A./B.Sc. -Part III Examination, has to blacken the Numerical Codes of the two subject (by blackening the appropriate boxes).
  (ii) A candidate for the M.A., M.Sc. Admission Test, who has passed the B.A., B.Sc (Honours) Examination. has to blacken the Numerical codes for only one subject, being the main subject for the Honours Examination, and has to enter [0][0] (by blackening the appropriate boxes) for the second Subject
  (iii) A Candidate for the M. Com Admission Test (under sub-paragraph 1.3.2 or paragraph 1.3 of SECTION 1) has to blacken the Numerical Code for M Com and enter [0][0] (by blackening the appropriate boxes) for the second subject

Box 6c : Box 6c, a candidate for the M.A./M.Com Admission Test desirous of being considered for admission to one or two M.A. subjects as a Non-subject candidate under sub-paragraph 1.4.1 to 1.4.2 of paragraph 1.4 of SECTION 1, should blacken the Numerical Code(s) of **two** of such subjects that are available, to indicate the relevant subject(s) for consideration as a non-subject candidate. The same procedure should be followed by a candidate for the M.Sc. Admission Test desirous of being consideration for non-subject admission to **two** other Course/subjects from

amongst M.Com, M.Sc. in Defence Studies and M.A. in the other admissible subjects.

Box 7 : Box 7 the correct Date of Birth should be written in English (International) numerals, in the prescribed style, and the correct box below each numeral has also to be blackened. Format is DD MONTH YY.

Box 8 : Box 8, the candidate has to indicate his/her Mobile Number. This Box is important because important communications can be sent via SMS to the candidates who have correctly specified there mobile number in the form.

Box 9 : Box 9, the candidate has to enter the name of his/her Father, in the Capital letters of the English Alphabet, without entering the Title (such as Shri, Mr., Dr.) and has to **leave one box empty** after, each part of the name, and also blacken the appropriate box below each letter, as in the case of Box 2.

Box 10 : Box 10, the candidate has to enter the name of his/her Mother, in the Capital letters of the English Alphabet, without entering the Title (Such as Smt. Mrs. Dr.) leaving one box empty after each part of the name.

Box 11 : Box 11, the candidate has to enter the correct code of his/her examination centre where he/she is appearing for the PGAT 2012. The candidate must blacken the correct box. The code of the examination centres is as follows:

Centre
Allahabad
Bareily
Bhopal
Bangalore
Patna
Delhi
Gorakhpur
Varanasi
Mumbai (Only for M.Sc. (CBCS), Integrated M.Tech (ESS))
Kolkata (Only for M.Sc. (CBCS), Integrated M.Tech (ESS))

Box 12 : Box 12, the candidate has to provide accurate details of the various Examinations passed (or appeared), along with the other required information.

Box 13 : Box 13, Blood group.

Box 14 : Box 14, If minority.

Declaration and Signature : After filling the Form Candidate must enter his/her signature, place and date of filling the Form; in his/her own handwriting. The signature shall testify to the declaration that all items of information given by the candidate in the Form are correct, which cannot be altered or modified after the submission of the Form.

IMPORTANT NOTE : The candidate must get **two Photocopies** of the duly filled OMR Sheet made, without damaging the OMR Sheet in any way. One of these Photocopies should be kept safely by the candidate for purpose of future reference. The second Photocopy should be handed over at the Form Submission Counter at *Pravesh Bhawan* along with the OMR Sheet (which should not be folded or pinned/stapled.

4.3 Keep your admission Test **Admit Card** safely, the Admission card will be available On-Line from 15th May 2012. it will be needed at every point of time during the Admission Test and the subsequent Admission process. The Admit Card shall also be required for admission in Hostels.

4.4 The fee charged for any Admission Test for which the candidate is applying shall neither be refunded nor transferred for any other Admission Test.

4.5 **Admit Card** : Admit Cards for all the valid applications received by the university will be processed and enabled on the website **www.auadmission.co.in.** The Candidates can download their admit card from the website after entering their OMR Form Number and date of birth in case of OMR form applicants and Application© and date of birth in case of Online applicants. Candidates must correctly enter their date of birth in the form and preserve the OMR acknowledgement bearing the OMR form number to download the admit cards. **ALL Admit Cards will be uploaded for all the valid applications by 15th May 2011.**

IMPORTANT: NO Admit Card will be sent by post or distributed from the counters. The barcoded Admit Cards downloaded from the website are valid and does not require any attestation.

5.1 **ONLINE APPLICATIONS:** Candidates can submit online form for the PGAT - 2012 test at the website **www.auadmission.co.in.** The website provides all the information required for online form submission.

5.2 **Online Prospectus:** The prospectus for PGAT-2012 can be downloaded from the website **www.auadmission.co.in** and the admission seeking candidates can visit the website and download it. Candidates are advised to read the prospectus carefully before applying.

5.3 **Process of filling up the Online Registration Form:** Candidates willing to submit the Online form are **first required to deposit the applicable fees** and then open the website **www.auadmission.co.in** and submit their online form.

5.4 **Process for depositing the fees for online form:** For Online Registration the candidates are required to download the **Challan of HDFC Bank or DRAFT** form from the website and fill it up correctly by mentioning all the details required. The bank account number of PGAT-2012 is pre-printed along with the applicable fee which is **Rs. 600/- in case of General and OBC candidates and Rs. 300/- in case of SC/ST/PH** candidates. The completed challan along with the applicable fee can be deposited **at any of the branches of HDFC Bank.** HDFC will give a unique 6 digit receipt number i.e. application Id number on acceptance of the fee and this number

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is to be entered by the applicant on the online form. **If the fee payment receipt number entered by the candidate does not match with the details provided by the bank to the university then admit card will not be issued and application will be cancelled.** Bank will also give two copies (student copy and university copy) of the challan to the candidate. The candidate is required to preserve the original university copy of the challan along with its Admit Card and produce it whenever required by the university.

5.5 **Requirements for Online Registration Form Submission:** Admission aspirants are required to have scanned copy of their coloured photograph of passport size and scanned copy of their signature.

These scanned copies of photo and signature are required to be uploaded during the online form submission. The specifications of the scanned copy of the photograph and the signature are provided in the **"How to fill Online Form"** section of the website. All aspirants filling the online form are advised to read the instructions to fill up the online form which has all the pre-requisite and the guidelines. Upon successful submission of the form the candidates will be given a unique **ApplicationID** and a password. If the candidate has provided their emaillD in the online form then a registration email will also be sent to the candidate which will have the ApplicationID and the Password details. The candidates can use this Application ID and the password to login to the website and view or print their forms and download their admit cards, when enabled. The forms submitted online can be printed and reviewed by the applicant. If they find any mistake in the details entered by them then they can login to the website using their Application ID and the password and edit their forms and save them again. The Online Forms can be edited and saved for any corrections required within 3 days of the date of submission or the last date of online submission, which ever is earlier. After the editing period of the form is over then no corrections will be allowed and the candidates will be responsible for the data submitted by them. Candidates are also advised to view their photographs and the signature uploaded in the online form and it should match with the sample provided in the "How to fill the online form" section of the website. If the photograph or the signature uploaded by the applicant is not clear or is not conforming to the guidelines then their application is liable to be rejected.

6.0 **Help Desk (Telephone & Email):** For the convenience of the applicants Help Desk has been setup for the Online Form Submission and the phone numbers are available on website. .

Table - II
Numeric Codes For Undergraduate (B.A./B.Sc./B.Com III) Subjects

Subject in B.A./B.Sc. III Year	NUMERIC CODE
Ancient History	01
Economics	02
Education	03
English Literature / Language	04
Hindi	05
Medieval Modern History	06
Music (Vocal, Sitar, Tabla)	07
B. Music (Vocal, Sitar, Tabla)	08
Painting	09
Philosophy	10
Political Science	11
Sanskrit	12
Sociology	13
Urdu	14
Botany	15
Chemistry	16
Physics	17
Zoology	18
Computer (Comp.Sc./Comp. Appl./Comp. Maint.)	19
Earth & Palanetary (Geology)	20
Anthropology	21
Defence Studies	22
Geography	23
Mathematics	24
Psychology	25
Statistics	26
Commerce	27
Bio-Chemistry	28
Agricultural Botany/Chemistry/Zoology	29
Mass Communication	30
Other Subjects	00

इलाहाबाद विश्वविद्यालय

एम.ए. / एम.एस.सी. / एम. कॉम./एम.टेक. प्रवेश परीक्षा एवं प्रवेश

सत्र 2012-2013

विवरणिका

नोट : आवेदक को यह सलाह दी जाती है कि ओ.एम.आर. फॉर्म भरने से पहले इस विवरणिका (ब्रोशर) को अत्यन्त सावधानीपूर्वक अवश्य पढ़ लें।

विवरणिका में निम्नलिखित चार खण्ड हैं

खण्ड 1.	सामान्य सूचनाएं
खण्ड 2.	प्रवेश से सम्बन्धित नियम एवं प्रक्रिया
खण्ड 3.	प्रवेश परीक्षा का स्वरूप
खण्ड 4.	ओ. एम. आर. पत्रक, सम्बन्धी सूचनाएं एवं निर्देश

महत्वपूर्ण टिप्पणियाँ

1. यह विवरणिका (ब्रोशर) अभ्यर्थियों के सामान्य दिग्दर्शन मात्र के लिए हैं। स्नातकोत्तर प्रवेश परीक्षा तथा प्रवेश, इलाहाबाद विश्वविद्यालय अधिनियम 2005 के अन्तर्गत इलाहाबाद विश्वविद्यालय अध्यादेश खण्ड 29(2) के अन्तर्गत प्रवर्तित परिनियम, अध्यादेश और अधिनियम एवं एतद्विषयक केन्द्रीय सरकार के निर्णयों से शासित है।

2. विवरणिका में उल्लिखित विभिन्न नियमित पाठ्यक्रमों में प्रवेश हेतु सीट आरक्षण सम्बन्धी भारत सरकार के निर्देश, विश्वविद्यालय अनुदान आयोग के परिनियम, माननीय उच्चतम न्यायालय एवं माननीय उच्च न्यायालय इलाहाबाद के निर्णय अपरिहार्य रूप से अवश्य मान्य होंगे।

3. इस पुस्तिका में दी गयी सूचनाएं पुस्तिका के प्रकाशन पूर्व तक की प्रामाणिक सूचनाएं हैं। बाद में होने वाले कोई भी परिवर्तन विश्वविद्यालय के **परास्नातक प्रवेश परीक्षा की वेबसाइट www.auadmission.co.in** पर उपलब्ध होगा। विश्वविद्यालय के किसी स्नातकोत्तर पाठ्यक्रम में प्रवेश हेतु स्वीकरण यह ध्वनित करता है कि अभ्यर्थी तथा उनके माता-पिता अथवा अभिभावकों को विवरणिका में निर्दिष्ट सभी प्रावधान मान्य हैं तथा उस पर नियम, विनियम, शुल्क, विशेष शर्तें आदि यथापरिवर्तित लागू होंगी।

4. पी.जी.ए.टी. 2011 सम्पन्न कराने का सर्वाधिकार इलाहाबाद विश्वविद्यालय का है तथा अभ्यर्थी /विश्वविद्यालय के हित में विश्वविद्यालय द्वारा लिए गये सभी निर्णय अन्तिम और सर्वमान्य होंगे।

5. माननीय उच्चतम न्यायालय के आदेशानुसार इलाहाबाद विश्वविद्यालय में रैगिंग पूर्णतया प्रतिबन्धित है। यह आदेश UGC के पत्र संख्या **FI-822006 (CPP-II)** दिनांक 4 मार्च 2007 के द्वारा संज्ञान में लाया गया है। रैगिंग की सूचना मिलने पर माननीय उच्चतम न्यायालय के आदेशों और कानून के अनुसार कड़ी दण्डात्मक कार्यवाही की जायेगी।

6. यह विवरणिका (ब्रोशर) हिन्दी एवं अंग्रेजी में एक साथ प्रकाशित की जा रही है; यदि ददोनों के बीच कोई असंगति है तो अंग्रेजी पाठ ही मान्य होगा।

7. आवेदक को सलाह दी जाती है कि फोटो इस तरह खिंचवायें कि फोटो पर अभ्यर्थी का नाम स्पष्ट रूप से प्रदर्शित हो तथा फोटोग्राफ का आकार ओ.आर.एम. आवेदन प्रपत्र पर दिये गये आयत से बड़ा कदापि न हो। (30 से.मी. X 3.5 से.मी. की रंगीन फोटो उपयुक्त होगी।)

खण्ड 1
सामान्य सूचनाएँ

1.1 इलाहाबाद विश्वविद्यालय स्नातकोत्तर प्रवेश परीक्षा आयोजित करा रहा है, जिसे अब पी.जी.ए.टी 2012 कहा जाएगा। निम्नलिखित स्नातकोत्तर कक्षाओं के विभिन्न विषयों में प्रवेश हेतु **पी.जी.ए. टी. सत्र 2012-13 प्रवेश परीक्षा** आयोजित हो रही है। विवरणिका (Brochure) के अन्तरिक आवरण पृष्ठ पर मुद्रित तालिका 1.0 पर विषयों के संख्यात्मक कृत संकेतांक तथा प्रवेश हेतु कुल उपलब्ध स्थानों की सूची अंकित है।

नोट :

(1) प्रस्तर 1.2 व इसके उप-प्रस्तर तथा प्रस्तर 1.6 के प्रावधानों से जो आवेदक एम.ए. प्रवेश परीक्षा हेतु अर्ह हैं, वे एम.ए. प्रवेश परीक्षा हेतु केवल एक आवेदन पत्र भरें और एम.कॉम या एम. एस.सी. प्रवेश परीक्षा हेतु कोई आवेदन पत्र न भरें।

(2) प्रस्तर 1.2 व इसके उप-प्रस्तरों तथा प्रस्तर 1.6 के प्रावधानों से जो आवेदक एम.कॉम. प्रवेश परीक्षा हेतु अर्ह हैं, वे एम.कॉम. प्रवेश परीक्षा हेतु केवल एक आवेदन पत्र भरें तथा एम.ए.या एम. एस.सी. प्रवेश परीक्षा हेतु कोई आवेदन पत्र न भरें।

(3) प्रस्तर 1.2 व इसके उप-प्रस्तरों तथा प्रस्तर 1.6 के प्रावधानों से जो आवेदक एम.एस.सी. प्रवेश परीक्षा हेतु अर्ह हैं, वे एम.एस. सी. प्रवेश परीक्षा हेतु अर्ह हैं, वे एम.एस.सी. प्रवेश परीक्षा हेतु केवल एक आवेदन पत्र भरें तथा एम.ए. या एम.कॉम. प्रवेश परीक्षा हेतु कोई आवेदन पत्र न भरें।

(4) **एम.ए. प्रवेश परीक्षा** के आवेदक वरीयता क्रम से बी.ए. भाग तीन में पठित विषयों से दो विषयों और बी.ए.(ऑनर्स) परीक्षा उत्तीर्ण को चुनाव कर आवेदन पत्र में भर सकते हैं जैसा कि प्रस्तर 1.3.1, 1.3.4 और 1.3.6 में विहित है साथ ही वे प्रस्तर

1.4 के अनुसार विषयेतर (non subject) आवेदक के रूप में अधिकतम दो विषय का चुनाव कर सकते हैं।

(5) **एम.कॉम. प्रवेश परीक्षा** के आवेदक फॉर्म में (एम.कॉम. के अलावा) विषयेत्तर आवेदक के रूप में प्रस्तर 1.4 के अनुसार अधिकतम ऐसे दो एम.ए. विषय तक भर सकते हैं जिनके लिए वे अर्ह हैं।

(6) **एम.एस.सी. प्रवेश परीक्षा** के आवेदक बी.एस.सी. भाग 3 में पठित दो विषयों में से वरीयता क्रम से अधिकतम दो विषय और बी.एस.सी.(ऑनर्स) परीक्षा उत्तीर्ण आवेदक केवल एक(मुख्य) विषय भर सकते हैं, जैसा कि प्रस्तर 1.3.1, 1.3.4 और 1.3.6 में विहित है। साथ ही वे प्रस्तर 1.4 के अनुसार विषयेत्तर आवेदक के रूप में वरीयता क्रम से अधिकतम दो विषय भर सकते हैं। ऐसे विषयों में एम.कॉम, एम.एस.सी प्रतिरक्षा अध्ययन, (यदि प्रतिरक्षा अध्ययन बी.एस.सी. भाग 3 में अथवा बी.एस.सी. ऑनर्स में मुख्य विषय के रूप में अथवा बी.एस.सी. ऑनर्स में मुख्य विषय के रूप में से पढ़ा गया हो और प्रस्तर 1.4 में विनिर्दिष्ट विषय निके लिए वह अर्ह है, विषयेत्तर विषय के रूप में सम्मिलित है।)

(7) निम्न प्रत्येक पाठ्यक्रमों/विषयों के लिए **पृथक आवेदन पत्र** भरना आवश्यक है जिसके लिए विश्वविद्यालय **पृथक प्रवेश परीक्षा** आयोजित करता है

(क) कृषि विज्ञान में एम.एस.सी.(कृषीय वनस्पति विज्ञान, कृषीय रसायन विज्ञान व मृदा विज्ञान तथा कृषीय जीव विज्ञान व कीट विज्ञान) इन तीनों विषयों के लिए एक ही आवेदन पत्र होगा।

(ख) एम.ए./एम.एस.सी. मानव विज्ञान

(ग) एम.एस.सी. जैव रसायन

(घ) एम.ए. जन संचार

नये विषय

(कृपया ध्यानपूर्वक पेज नं0 52-57 के नियम-कायदे, पाठ्यक्रम और योग्यता देखें।)

(ड.) एम.एफ.ए. फाईन आर्ट्स

(च) एम.एस.सी. कागनिटिव साइन्स

(छ) एम.ए. सिनेमा एण्ड थियेटर

(ज) मास्टर आफ डेवलेपमेंट स्टडीज

(झ) एम.एस.सी. मेटिरियल साइन्स

(ट) इन्टीग्रेटेड एम.टेक. अर्थ सिस्टम साइन्सेज

(ठ) एम.एस.सी. बायोइनफॉरमेटिक्स

(ड़) एम.एस.सी. इनवायरमेन्टल साइसेज

(ढ़) एम.एस.सी टेक्सटाइल और अपैरल डिजाइन

नोट :

● एम.ए. अरबी व फारसी में अर्ह आवेदकों को प्रवेश मेरिट के आधार पर होगा। इन विषयों हेतु प्रवेश फार्म कुल सचिव कार्यालय इलाहाबाद विश्वविद्यालय में अलग से उपलब्ध होगा।

● एम. टेक (इलेक्ट्रॉनिक इंजीनियरिंग) प्रवेश में GATE और उत्तीर्ण स्नातक डिग्री में मेरिट के आधार पर 27 सीटों की क्षमता पर लिया जायेगा। आवेदन प्रपत्र रजिस्ट्रार कार्यालय, इलाहाबाद विश्वविद्यालय में अलग से उपलब्ध होंगे।

नोट : विषय के संख्यात्मक कोड देखने के लिए अंग्रेजी भाषा में दिया हुआ टेबल 1 देखिए। बी.ए./बी.एस.सी./बी.कॉम का संख्यात्मक कोड देखने के लिए अंग्रेजी भाषा में दिया हुआ टेबल 2 देखिए।

1.2 **अर्हता :** इलाहाबाद विश्वविद्यालय अथवा इलाहाबाद विश्वविद्यालय से सम्बद्ध विश्वविद्यालय संस्थान के बी.ए./बी.एस.सी./बी. कॉम. (तीन वर्षीय पाठ्यक्रम या ऑनर्स) उत्तीर्ण आवेदक/ अभ्यर्थी बी.ए./बी.एस.सी./बी.कॉम के आवेदक अथवा इनके समकक्ष उपाधि या यू.जी.सी. द्वारा इनके समकक्ष मान्यता प्राप्त उपाधि धारक आवेदक स्नातकोत्तर प्रवेश परीक्षा (PGAT 2012) के लिए अर्ह है। 1987 अथवा उससे पूर्व के दो वर्षीय बी.ए./बी.एस.सी/बी.कॉम उत्तीर्ण विद्यार्थी भी उपरोक्त परीक्षा के लिए अर्ह है। 1988 अथवा उसके उपरान्त द्वि-वर्षीय पाठ्यक्रम के उत्तीर्ण बी.ए./बी.एस.सी / बी.कॉम विद्यार्थियों को ब्रिज कोर्स की परीक्षा उत्तीर्ण होना अर्हता के लिए आवश्यक है। एम.ए /एम.एस.सी. मानव विज्ञान / एम.एस.सी. जैव रसायन, /एम.एस.सी. कृषीय विज्ञान, एम.एस.सी. व्यावहारिक भू-विज्ञान एम.म्यूज और एम.ए. जन संचार के लिए अर्हता निर्धारण उप प्रस्तर 1.2.9 से 1.2.15 तक दिया है-

1.2.1 वे आवेदक जिन्होंने कला /विज्ञान में ब्रिज कोर्स परीक्षा उत्तीर्ण की है, उन्हें उस एक विषय अथवा दो विषयों में बी.ए./बी.एस. सी(त्रिवर्षीय स्नातक पाठ्यक्रम) उत्तीर्ण की है। जिन आवेदकों ने बी.कॉम, ब्रिज कोर्स परीक्षा उत्तीर्ण की है, उन्हें बी.कॉम.(त्रिवर्षीय पाठ्यक्रम) उत्तीर्ण माना जायेगा।

1.2.2 किसी भी आवेदक की अर्हता प्रवेश प्रक्रिया के दौरान ज्ञात होने पर उसकी परीक्षा/प्रवेश किसी भी चरण पर रद्द कर दी जायेगी तथा यह प्रवेश परीक्षा हेतु अयोग्य हो जायेगा।

1.2.3 **एम.ए. (मानव विज्ञान छोड़कर शेष अधिसूचित विषयों में)** आवेदक को बी.ए. ऑनर्स (ऑनर्स में मुख्य विषय वही होना चाहिए जिसके लिए प्रवेश परीक्षा दी जा रही है) उसी विषय में उत्तीर्ण होना चाहिए जिस विषय में प्रवेश का इच्छुक है। बी.ए. तीन वर्षीय पाठ्यक्रम के दोनों विषयों में प्रवेश परीक्षा दी जा सकती है(इलाहाबाद विश्वविद्यालय में उपलब्धता के आधार पर) / कतिपय विषयों (देखें प्रस्तर 1.4) में गैर विषय प्रवेश भी सम्भव है। किन्तु प्रवेश परीक्ष उन्हीं विषयों में देनी होगी जो बी. ए.तृतीय वर्ग में स्वीकृत थे। एम.ए. चित्रकला, संगीत व सांख्यिकी में प्रवेश के इच्छुक आवेदक प्रस्तर 1.2.6, 1.2.7 तथा 1.2.8 भी देखें।

1.2.4 **एम.कॉम.** आवेदक को बी.कॉम /बी.एस.सी(तीन वर्षीय) अथवा बी.कॉम. / बी.एस.सी.(ऑनर्स) उत्तीर्ण होना आवश्यक है।

1.2.5 **एम.एस.सी. (मानव विज्ञान जैव रसायन, व्यावहारिक भू-विज्ञान तथा कम्प्यूटर विज्ञान को छोड़कर)** के आवेदक को बी.एस.सी तीन वर्षीय /बी.एस.सी.(ऑनर्स) की परीक्षा के उन्हीं विषयों में उत्तीर्ण होना आवश्यक है जिनमें प्रवेश वांछित है। ऑनर्स परीक्षा उत्तीर्ण विद्यार्थी उसी परीक्षा में बैठ सकेगा जो उसके ऑनर्स का मुख्य विषय होगा। बी.एस.सी. तीन वर्षीय तीसरे वर्ष के दोनों विषयों में परीक्षा दे सकते हैं। रक्षा अध्ययन विषय में गैर-विषय विद्यार्थी (प्रस्तर 1.4) नियमानुसार प्रवेश ले

सकते हैं एवं जो व्यक्ति एम.एस.सी सांख्यिकी में प्रवेश के लिए इच्छुक हैं वे प्रस्तर 1.2.8 देखें।

1.2.6 **एम.ए. चित्रकला** में प्रवेश हेतु इस विश्वविद्यालय से मान्यता प्राप्त बी.एफ.ए.(4 वर्षीय) या बी.बी.ए(4 वर्षीय) पाठ्यक्रम परीक्षा उत्तीर्ण स्नातक भी अर्ह है।

1.2.7 **एम.ए. संगीत**(गायन या वादन सितार /तबला) में केवल छात्राओं को ही प्रवेश दिया जायेगा। उक्त में प्रवेश हेतु ये छात्राएं भी अर्ह हैं जिन्होंने इस विश्वविद्यालय से मान्यता प्राप्त संगीत प्रवीण / अलंकार निपुण (या समकक्ष) परीक्षा उत्तीर्ण की है।

1.2.8 **एम.ए. /एम.एस.सी. सांख्यिकी** विषय में स्नातक परीक्षा उत्तीर्ण प्रवेशार्थियों के प्रवेशोपरान्त रिक्त स्थानों हेतु वह प्रवेशार्थी भी अर्ह है जिसने गणित विषय के साथ बी.ए. /बी.एस.सी भाग 2 तक सांख्यिकी विषय में स्नातक परीक्षा उत्तीर्ण की है या जो आवेदक गणित मुख्य विषय के और सांख्यिकी अनुवती विषय के साथ बी.एस.सी ऑनर्स परीक्षा उत्तीर्ण की है, भी मेरिट के क्रम में प्रवेश हेतु विचारणीय होंगे।

1.2.9 **एम.ए. /एम.एस.सी. मानव विज्ञान** में प्रवेश हेतु समाज विज्ञान धारा में कला संकाय का स्नातक तथा किन्हीं भी विषयों में विज्ञान संकाय का स्नातक अर्ह है।

1.2.10 **एम.एस.सी. जैव रसायन (Bio-Chemistry)** में प्रवेश हेतु वे आवेदक जिन्होंने बी.एस.सी. तृतीय वर्ष की परीक्षा रसायन /जैव रसायन एक विषय के रूप में तथा वनस्पति विज्ञान /फिजियोलॉजी /जन्तु विज्ञान /बायोटैक्नालॉजी /माइक्रोबायोलॉजी /इण्डस्ट्रियल फिश एण्ड फिशरीज अन्य विषय के साथ उत्तीर्ण की हो, अथवा बी.एस.सी.(ऑनर्स) परीक्षा रसायन /जैव रसायन /वनस्पति विज्ञान / फिजियोलॉजी /जन्तु विज्ञान /बायोटैक्नोलॉजी / माइक्रोबायोलॉजी मुख्य /गौण विषय में (रसायन /जैव रसायन अधिमानतः मुख्य विषय हो) उत्तीर्ण की हो अथवा एम.बी.बी.एस. परीक्षा उत्तीर्ण प्रवेशार्थी अर्ह हैं किन्तु प्रस्तर 1.5.3 के अधीन एम.बी.बी.एस. परीक्षा उत्तीर्ण आवेदक प्रवेश परीक्षा में सम्मिलित होने से मुक्त है।

1.2.11 **एम.एस.सी. कृषि विज्ञान** (कृषि वनस्पति/कृषि रसायन एवं मृदा विज्ञान/कृषि प्राणि विज्ञान एवं कीट विज्ञान विषयों) में केवल वे आवेदक अर्ह है जिसने बी.एस.सी कृषि विज्ञान (चार वर्षीय स्नातक पाठ्यक्रम) उत्तीर्ण किया है।

1.2.12 **एम.म्यूज.** में प्रवेश हेतु वे छात्र-छात्राएं जिन्होंने इलाहाबाद विश्वविद्यालय की बी.म्यूज. त्रिवर्षीय परीक्षा उत्तीर्ण की है या संगीत विषय के साथ बी.ए. तृतीय वर्ष परीक्षा या बी.ए.(ऑनर्स) परीक्षा या संगीत प्रवीण/अलंकार/निपुण (या समकक्ष) परीक्षा उत्तीर्ण की है जिसमें (संगीत-गायन/तबला/सितार) एक विषय रहा है, प्रवेश परीक्षा में सम्मिलित हो सकते हैं।

1.2.12 (a) एम.ए. संगीत तथा एम.म्यूज. की प्रवेश परीक्षा दे रहे आवेदकों को संगीत विभाग द्वारा लिये जा रहे **100 अंकों की प्रायोगिक परीक्षा जो परिवर्तन संगीत विभाग में दिनांक 6 व 7 जून 2012 को होगी में सम्मिलित होना अनिवार्य है। लिखित परीक्षा में सम्मिलित हो रहे आवेदकों को सलाह दी जाती है कि वे संगीत विभाग के विभागाध्यक्ष से प्रायोगिक परीक्षा के सम्बन्ध में सम्पर्क करें।**

नोट : एम.ए. (दृश्यकला) की प्रवेश परीक्षा दे रहे आवेदकों को दृश्यकला विभाग द्वारा लिये जा रहे 100 अंकों की प्रायोगिक परीक्षा जो दृश्यकला विभाग में दिनांक 6 जून, 2012 को होगी में सम्मिलित होना अनिवार्य है। लिखित परीक्षा में सम्मिलित हो रहे आवेदकों को सलाह दी जाती है कि वे दृश्यकला विभाग के विभागाध्यक्ष से प्रायोगिक परीक्षा के सम्बन्ध में सम्पर्क करें।

1.2.13 **एम.ए. जनसंचार** में प्रवेश हेतु इस विश्वविद्यालय से मान्यता प्राप्त सभी विषयों के स्नातक अर्ह है।

1.2.14 **एम.एस.सी. कम्प्यूटर विज्ञान** में प्रवेश हेतु निम्न अर्हता आवश्यक है :
(a) (i) आवेदक को बी.एस.सी.(त्रिवर्षीय पाठ्यक्रम) में गणित, भौतिक, इलैक्ट्रॉनिकी/कम्प्यूटर विज्ञान/कम्प्यूटर अनुरक्षण/कम्प्यूटर एप्लीकेशन विषयों में से दो विषयों का अध्ययन बी.एस.सी भाग 2 में किया जाना अनिवार्य है अथवा मान्यता प्राप्त विश्वविद्यालय/संस्थान की समकक्ष उपाधि के साथ भी श्रेणियों के लिए न्यूनतम 50% अंकों के साथ उत्तीर्ण होना आवश्यक है।
(ii) ऑनर्स पाठ्यक्रम के छात्रों जो ऑनर्स में गणित मुख्य विषय के रूप में तथा सभी श्रेणियों के लिए न्यूनतम 50% अंकों के साथ उत्तीर्ण है, भी अर्ह है।
(b) एम.एस.सी. कम्प्यूटर विज्ञान में प्रवेश हेतु प्रत्येक आवेदक को दो पेपर की परीक्षा में सम्मिलित होना होगा। पेपर 1 गणित विषय का होगा जो सभी के लिए अनिवार्य है तथा पेपर 2 भौतिक अथवा कम्प्यूटर विज्ञान का होगा। आवेदक को पेपर 2 में इन दोनों विषयों में से किसी एक विषय का चयन करना होगा।

1.2.15 **एम.एस.सी. व्यावहारिक भू-विज्ञान** में प्रवेश हेतु निम्न अर्हता आवश्यक है :
वे आवेदक जिन्होंने बी.एस.सी.(त्रिवर्षीय पाठ्यक्रम) निम्न में से किन्हीं दो विषयों का अध्ययन जो बी.एस.सी. भाग दो स्तर पर हो, के साथ उत्तीर्ण किये हों, अर्ह है।
(i) भौतिक विज्ञान (ii) गणित (iii) भू-विज्ञान आवेदक को उपर्युक्त विषयों में से किन्हीं दो में सम्मिलित होना होगा।

1.3 **प्रवेश परीक्षा में प्रस्तुति :** उन आवेदकों को छोड़कर जो प्रस्तर 1.5 के अनुसार प्रवेश परीक्षा में बैठने से मुक्त है, प्रत्येक आवेदक जो प्रस्तर 1.2 और इसके उप-प्रस्तरों के अनुरूप अर्हता की शर्ते पूरी करता है, एम.ए./एम.एस.सी./एम.कॉम. प्रवेश परीक्षा में उप-प्रस्तर 1.3.1 से 1.3.5 के विहित प्रावधानों के अनुरूप सम्मिलित होना आवश्यक है। एम.म्यूज.,एम.ए./ एम.एस.सी. मानव विज्ञान, एम.ए. जनसंचार, एम.एस.सी. जीव रसायन तथा एम.एस.सी. कृषीय विज्ञान (कृषि वनस्पति/कृषि रसायन व मृदा विज्ञान/कृषि विज्ञान एवं कीट विज्ञान), एम.एस.सी. कम्प्यूटर विज्ञान में प्रवेश के इच्छुक आवेदकों को उन पाठ्यक्रमों/ विषयों के लिए पृथक रूप से आयोजित प्रवेश परीक्षा में सम्मिलित होना आवश्यक है तथा एम.ए./एम.सी./एम.कॉम. के पाठ्यक्रमों/ विषयों व लिये आयोजित सामान्य प्रवेश परीक्षा के आधार पर इन विषयों में प्रवेश नहीं दिया जायेगा।

सामान्य सूचनाएँ

1.3.1 आवेदक जिसने बी.ए. परीक्षा उत्तीर्ण की है, प्रस्तर 1.6 द्वारा शासित आवेदकों सहित, जो एम.ए. के किसी विषय में (मानव विज्ञान में एम.ए. को छोड़कर) प्रवेश चाहता है, तथा उस विषय सहित जिसमें वह विषयेत्तर विषय के रूप में प्रवेश चाहता है, वह **एम.ए. पाठ्यक्रम हेतु आयोजित विषयों में से केवल उन्हीं दो विषयों की प्रवेश परीक्षा में सम्मिलित किया जायेगा जिनके साथ उसने बी.ए. तृतीय वर्ष की परीक्षा उत्तीर्ण की है।**

1.3.2 आवेदक जिसने बी.कॉम./बी.कॉम ऑनर्स परीक्षा उत्तीर्ण की है, उन आवेदकों सहित जो प्रस्तर 1.6 से शासित हैं जो एम.कॉम. में प्रवेश के इच्छुक हैं अथवा एम.ए. के विषयेत्तर विषयों के रूप में जिनमें वह प्रवेश हेतु अर्ह हैं, उनमें प्रवेश के इच्छुक हैं, वह केवल **एम.कॉम. प्रवेश परीक्षा** में सम्मिलित होंगे।

1.3.3 आवेदक जिसने बी.एस.सी. परीक्षा उत्तीर्ण की है, प्रस्तर 1.6 से शासित आवेदक भी इनमें शामिल हैं और जो एम.एस.सी. पाठ्यक्रम के जैव रसायन, कृषि विज्ञान, मानव शास्त्र, व्यावहारिक भू-विज्ञान तथा कम्प्यूटर विज्ञान के अलावा अन्य स्वीकृत विषयों में प्रवेश का इच्छुक है या जो एम.कॉम. तथा एम.ए. के सगत विषयों में जिनमें वह विषयेत्तर विषय के रूप में प्रवेश हेतु अर्ह है, में प्रवेश का इच्छुक है, वह **एम.एस.सी. पाठ्यक्रम के उन्हीं दो विषयों की प्रवेश परीक्षा में सम्मिलित होगा जिन दो विषयों के साथ बी.एस.सी. भाग 3 परीक्षा उत्तीर्ण की है।**

1.3.4 आवेदक जिसने बी.ए. ऑनर्स परीक्षा उत्तीर्ण की है और ऑनर्स के मुख्य विषय में एम.ए. पाठ्यक्रम में प्रवेश चाहते हैं (जो मानव विज्ञान से भिन्न है) अथवा संबंधित विषयेत्तर विषय में प्रवेश चाहते हैं या जिसने बी.ए. ऑनर्स परीक्षा गणित मुख्य विषय के साथ उत्तीर्ण की है और एम.ए. सांख्यिकी पाठ्यक्रम में भी प्रवेश हेतु प्रस्तर 1.2.8 के अनुरूप विचारणीय होना चाहते हैं, वह **एम.ए. प्रवेश परीक्षा के केवल उस एक विषय में सम्मिलित होंगे जो उसके ऑनर्स पाठ्यक्रम का मुख्य विषय है।**

1.3.5 आवेदक जिसने बी.एस.सी. ऑनर्स परीक्षा उत्तीर्ण की है और जो ऑनर्स के मुख्य विषय में एम.एस.सी. पाठ्यक्रम में प्रवेश चाहता है (जो मानव विज्ञान तथा जैव रसायन से भिन्न है) या विषयेत्तर विषय के रूप में एम.कॉम. या जिसने एम.ए. पाठ्यक्रम के ऐसे विषयों में जिनसे अन्य उपबन्धों के अधीन प्रवेश हेतु अर्ह है, में प्रवेश चाहता है या बी.एस.सी. ऑनर्स परीक्षा गणित मुख्य विषय के साथ उत्तीर्ण की है और एम.एस.सी. गणित में भी प्रस्तर 1.2.8 के अनुरूप प्रवेश हेतु विचारणीय होना चाहता है, वह **एम.एस.सी. प्रवेश परीक्षा के केवल उस एक विषय में सम्मिलित होगा जो उसके ऑनर्स पाठ्यक्रम का मुख्य विषय है।**

1.3.6 आवेदक प्रस्तर 1.3.1, 1.3.3, 1.3.4 एवं 1.3.5 के अधीन दो विषयों में प्रवेश परीक्षा में सम्मिलित हो सकता है किन्तु विश्वविद्यालय उन दो विषयों में से किसी एक विषय में ही प्रवेश परीक्षा आयोजित कर रहा है, तो एम./एम.एस.सी. ऐसा आवेदक केवल उसी एक विषय की परीक्षा में सम्मिलित होगा।

1.3.7 **ऐसा आवेदक जो एम.ए./एम.एस.सी प्रवेश परीक्षा के किसी ऐसे विषय/पाठ्यक्रम में सम्मिलित होता है जिसमें प्रस्तर 1.3.1 से 1.3.5 के प्रावधानों के अनुरूप वह सम्मिलित नहीं हो सकता, तब उसका आवेदन उसकी प्रवेश परीक्षा तथा उसका परिणाम निरस्तर समझे जायेंगे।**

1.3.8 वह आवेदक जो इलाहाबाद विश्वविद्यालय अथवा किसी अन्य विश्वविद्यालय/महाविद्यालय एम.ए./एम.कॉम./एम.एस.सी./डी.फिल./पी.एच.डी. पाठ्यक्रमों में पंजीकृत है या जो पहले ही किसी विषय में एम.ए./एम.कॉम./एम.एस.सी./डी.फिल./पी.एच.डी. उपाधि धारित करते हैं, किसी भी प्रवेश परीक्षा के लिये अर्ह नहीं है। फिर भी विशेष परिस्थिति में जहाँ एक उत्तरदायी आवेदक किसी नये परास्नातक प्रोग्राम में अपनी अपेक्षित रुचि का दावा करता है और अपने इस दावे के समर्थन में विश्वसनीय प्रमाण प्रस्तुत करता है तब उसके ऐसे प्रत्यावेदन पर कुलपति द्वारा गठित द्वारा विचार किया जायेगा।

1.3.9 प्रस्तर 1.3.8 के प्रावधानों से संगति के बावजूद इलाहाबाद विश्वविद्यालय या अन्य विश्वविद्यालय/महाविद्यालय में एम.ए./एम.एस.सी के निर्धारित विषय में पंजीकृत या निर्धारित विषय में एम.ए./एम.एस.सी./उपाधिकारक उसी विषय में एम.ए./एम.एस.सी. प्रवेश परीक्षा में किसी प्रकार सम्मिलित नहीं किये जायेंगे इसी प्रकार एम.कॉम. पाठ्यक्रम में इलाहाबाद विश्वविद्यालय या अन्य विश्वविद्यालय/महाविद्यालय में पंजीकृत अथवा एम.कॉम. उपाधि प्राप्त आवेदक को एम.कॉम. प्रवेश परीक्षा में किसी भी प्रकार सम्मिलित होने की अनुमति नहीं है। इस वर्जना के बावजूद यदि कोई आवेदक संगति विषय/पाठ्यक्रम विषय के लिए आयोजित प्रवेश परीक्षा में सम्मिलित हो जाता है और अपने अन्यत्र पंजीकरण या उपाधि प्राप्ति को छुपाता है तो किसी भी स्तर पर यह बात प्रकाश में आने पर प्रवेश परीक्षा तथा प्रवेश किसी भी स्तर पर निरस्तर कर दी जायेगी।

1.4 **विषयेत्तर प्रवेश के आवेदक :** एम.ए. कतिपय विषयों में तथा एम.एस.सी. मनोवैज्ञानिक तथा प्रतिरक्षा अध्ययन में विषयेत्तर आवेदकों का प्रवेश अधोलिखित प्रस्तर 1.4.1 से 1.4.5 तक के उपबन्धों से शासित होगा।

1.4.1 एम.ए. पाठ्यक्रम के प्राचीन इतिहास अर्थशास्त्र, शिक्षा-शास्त्र, अंग्रेजी साहित्य, हिन्दी साहित्य, मध्यकालीन एवं आधुनिक इतिहास, दर्शन शास्त्र एवं राजनीति विज्ञान तथा एम.ए./एम.एस.सी. पाठ्यक्रम के मनोविज्ञान एवं प्रतिरक्षा अध्ययन विषयों में ऐसे आवेदक जो बी.ए./बी.एस.सी. तृतीय वर्ष परीक्षा इन विषयों के बिना उत्तीर्ण है या बी.ए./बी.कॉम. ऑनर्स परीक्षा उत्तीर्ण किया है ऐसे प्रत्येक पाठ्यक्रम/विषय हेतु निर्धारित सीटों के दस प्रतिशत की अधिकतम सीमा तक विषयेत्तर आवेदक के रूप में विचारणीय होने के लिए अर्ह है।

1.4.2 प्रस्तर 1.4.1 के अधीन जो विषयेत्तर आवेदक प्रवेश परीक्षा में न्यून मानकीकृत योग अर्जित करता है संगत विभाग द्वारा एक अतिरिक्त योग्यता परीक्षा में सम्मिलित किया जायेगा जिससे उस विषय हेतु उसकी उपयुक्तता पर निर्णय लिया जा सके। मनोविज्ञान में प्रवेश के संदर्भ में इस प्रकार का विषय परीक्षण किया जायेगा विषयेत्तर आवेदकों के रूप में योग्य आवेदकों को पात्रता परीक्षा हेतु आवेदन पत्र जमा करने के पूर्व सर्बधित विभाग से इसकी जानकारी अवश्य प्राप्त कर लेनी चाहिए।

1.4.3 ऐसे आवेदक(प्रस्तर 1.5 से शासित प्रवेश परीक्षा से मुख्य आवेदकों के अतिरिक्त) जो प्रस्तर 1.2 और उसके उपस्तरों के अधीन विषयेत्तर आवेदक होने की शर्ते पूरी करते हैं उन्हें **एम.ए./एम.एस.सी. प्रवेश परीक्षा में उन दो विषयों में सम्मिलित**

होना आवश्यक है जिनके साथ उन्होंने बी.ए./बी.कॉम. तृतीय वर्ष परीक्षा उत्तीर्ण की है। खण्ड 2 प्रस्तर 2.2 के अधीन निर्णीत किया जाने वाला मानकीकृत योग ऐसे आवेदकों के लिए एम. कॉम. या एम.ए. के किसी विषय जिसमें उसके विषयेत्तर आवेदक होने पर विचार चल रहा है, मैं यह जिन दो विषयों की परीक्षा में सम्मिलित हुआ उन दोनों के योग को दो से भाग देकर निर्णीत किया जायेगा।(पी.जी.ए.टी. 2012 कोर कमेटी द्वारा निर्धारित स्केलिंग फॉर्मूला   सामान्यीकृत (Normalization) करने के लिए लागू होना ।)

1.4.4 यदि प्रवेशार्थी को एम.ए./एम.एस.सी. प्रवेश परीक्षा के उप प्रस्तर 1.3.1 से 1.3.2 के अधीन विषयों में इलाहाबाद विश्वविद्यालय मं उपलब्ध विषयों में एक ही अर्हकारी विषय उपलब्ध है अथवा एम.कॉम. का विद्यार्थी है, तो ऐसा प्रवेशार्थी प्रवेश परीक्षा में एक ही विषय में प्रस्तुत होगा और उसके मानकीकृत योग (खण्ड 2 के प्रस्तर 2.2 के अन्तर्गत) एक विषयेत्तर या एम.कॉम. आवेदक के प्रवेश के आशय से उस एक विषय के प्राप्तांकों के आधार पर निर्णीत होगा। (जी.जी.ए.टी. 2011 कोर कमेटी द्वारा निर्धारित स्केलिंग फॉर्मूला   सामान्यीकृत (Normalization) करने के लिए लागू होगा ।)

1.4.5 यदि एम.ए./एम.एस.सी. प्रवेश परीक्षा आवेदक के बी.ए./बी.एस. सी. तृतीय वर्ष परीक्षा के दोनों विषयों में आयोजित हो रही है और आवेदन प्रस्तर 1.3.1 या 1.3.2 के अधीन दोनों विषयों में सम्मिलित हो सकता था, किन्तु वह ऐसे दो विषयों में से किसी एक ही विषय में सम्मिलित हुआ है, तो ऐसे आवेदक का विषयेत्तर आवेदक के रूप में प्रवेश हेतु मानकीकृत योग के निर्धारण के लिए जिस एक विषय का आवेदक सम्मिलित नहीं हुआ है, उसका प्राप्तांक शून्य मान लिया जाएगा।

1.5 **प्रवेश परीक्षा में सम्मिलित होने से मुक्त और अन्य विशेष रियायत :** जो आवेदन प्रवेश परीक्षा में सम्मिलित होने से मुक्त हेतु अर्ह हैं, उनसे सम्बन्धित इस प्रकार की मुक्ति की शर्तें तथा जो आवेदक प्रवेश परीक्षा में सम्मिलित हुए हैं ओर तद्धीन विशेष व्यवस्था तथा विचार की पात्रता रखते हैं, उनसे सम्बन्धित सूचनाएं नीचे प्रस्तर 1.5.1 से 1.5.5 तक विनिर्दिष्ट की गयी हैं।

1.5.1 विदेशी विद्यार्थी प्रवेश परीक्षा में सम्मिलित नहीं होंगे और उनके प्रवेश पर प्रस्तर खण्ड 2 के 2.2 के अनुसार विचार किया जायेगा।

1.5.2 अप्रवासी भारतीय (NRI) जिसका अभिप्राय है कि विदेशों में बसा हुआ कोई भारतीय मूल का आवेदक जिसने स्नातक उपाधि इस रूप में किसी विदेशी विश्वविद्यालय में अर्जित की है, प्रवेश परीक्षा में सम्मिलित होने से मुक्त है, इनके प्रवेश पर खण्ड 2 के प्रस्तर 2.3 तथा 2.6.1 के अधीन विचार किया जाएगा।

1.5.3 एम.एस.सी. जैव रसायन में प्रवेश हेतु आवेदक जिसने एम.बी.बी. एस. की उपाधि अर्जित की है उसका प्रवेश परीक्षा में सम्मिलित होना आवश्यक नहीं है। प्रवेश हेतु उनके मामलों का निस्तारण खण्ड 2 के प्रस्तर 2.3 के प्रावधानों के अनुरूप किया जाएगा।

1.5.4 विनियमों तथा विशेष नियमों द्वारा निर्धारित योग्यता के धारक भारतीय सेना में सेवारत अधिकारी एम.एस.सी. प्रतिरक्षा अध्ययन विषय में इस सन्दर्भ में अभिनिर्धारित नियमों के अधीन सुपर न्यूमेररी प्रवेश विचारणीय हो सकते हैं।

1.5.5 कतिपय आवेदकों के लिए विशेष अधिमान्य की व्यवस्था खण्ड

2 के अधीन विशेषीकृत है, परन्तु ऐसे आवेदकों को प्रवेश परीक्षा में सम्मिलित होना आवश्यक है।

1.5.6. कतिपय आवेदकों के लिए निये विशेष एम.एफ.ए. फाईन आर्ट्स, एम.एस.सी. कागनिटिव साइन्स, एम.ए. सिनेमा और थियेटर, मास्टर आफ डेवलेपमेंट स्टडीज, एम.एस.सी. मेटिरियल साइन्स, एम.टेक. अर्थ सिस्टम साइन्स, एम.एस.सी. बायोइनफॉरमेटिक्स, एम.एस.सी. पर्यावरणीय साइन्स, एम.एस.सी टेक्सटाइल और अपैरल डिजाइन को कृपया पेज संख्या 52-57 ध्यानपूर्वक नियम-कायदे, पाठ्यक्रम और योग्यता को पढ़ें।

1.6 **इलाहाबाद विश्वविद्यालय की द्वितीय परीक्षा हेतु अर्ह आवेदकों के लिए अन्तिम प्रवेश :** इलाहाबाद विश्वविद्यालय की बी.ए. या बी.कॉम. या बी.एस.सी.(भाग 3) की 2012 की मुख्य परीक्षा में सम्मिलित परीक्षार्थी प्रवेश परीक्षा में भाग ले सकते हैं। उक्त कक्षा की 2012 की द्वितीय परीक्षा (बैंक पेपर) में प्रस्तुति हेतु अर्ह प्रवेशार्थी प्रवेश हेतु विचारणीय होने के लिए अर्ह होगा, बशर्ते वह किसी अन्य आधार पर अयोग्य नहीं है यदि उक्त परीक्षार्थी वर्तमान सत्र में इन ब्रोशर से आच्छादित किसी पाठ्यक्रम में प्रवेश का इच्छुक है, तो उसे उक्त मुख्य परीक्षा में उत्तीर्ण परीक्षार्थियों की तरह प्रवेश हेतु आवेदन करना होगा। ऐसे प्रवेशार्थी को श्रेष्ठता क्रम में उपयुक्त स्थान/रैंक प्राप्त करना करने पर सम्बन्धित पाठ्यक्रम में अन्तिम प्रवेश दिया जा सकता है, परन्तु यदि वह उपयुक्त द्वितीय परीक्षा में अनुत्तीर्ण हो जाता है, तो उसको प्रदत्त अन्तिम प्रवेश स्वतः निरस्त हो जायेगा। यह सुविधा अन्य विश्वविद्यालय के प्रवेशार्थियों को उपलब्ध नहीं है।

1.6.1 ऐसे परीक्षार्थी जो इलाहाबाद विश्वविद्यालय या अन्य विश्वविद्यालयों के बी.ए./बी.एस.सी./बी.कॉम. तृतीय वर्ष परीक्षा में सम्मिलित हो चुके हैं तथा जिनका परीक्षा परिणाम घोषित नहीं हुआ है वे परीक्षार्थी भी सम्बन्धित प्रवेश परीक्षा देने के लिए अर्ह हैं। ऐसे अभ्यर्थी यदि प्रवेश परीक्षा में सफल होते हैं तो उन्हें अपना अंकपत्र सम्बन्धित विभाग में प्रवेश के समय प्रस्तुत करना अनिवार्य है, अन्यथा उनका प्रवेश अमान्य होगा।

1.7 **आरक्षण :** पी.जी.ए.टी. प्रवेश परीक्षा एवं प्रवेश में निश्चित श्रेणी के अभ्यर्थियों के लिए सभी विषयों/पाठ्यक्रमों में स्थान आरक्षित हैं जिनमें प्रवेश परीक्षा आयोजित है तथा इसका निर्धारण प्रस्तर 1.7.1 से प्रस्तर 1.7.6 तक विनिर्दिष्ट उपबन्धों के अनुसार किया जायेगा।

1.7.1 सभी विषयों/पाठ्यक्रमों में स्वीकृत स्थानों के निम्न अनुपात में आरक्षण लागू होगा

(अ) अनुसूचित जाति श्रेणी के लिए 15 प्रतिशत (ब) अनुसूचित जनजाति श्रेणी के लिए 7.5 प्रतिशत (स) अन्य पिछड़े वर्ग श्रेणी के लिए 27 प्रतिशत आरक्षण सत्र 2011-12 हेतु केन्द्रीय शिक्षण संस्थान (प्रवेश में आरक्षण) एक्ट. 2006 मानव संसाधन विकास मंत्रालय के अन्य पिछड़े वर्गों के आरक्षण से सम्बन्धित पत्र के अनुपालन में लागू होगा।

1.7.2 यदि केन्द्रीय सरकार अधिनियम में कोई परिवर्तन करती है या विश्वविद्यालय अनुदान आयोग (यू.जी.सी.) ऐसे कोई विनियम संसूचित करती है, अथवा माननीय उच्च न्यायालय अथवा माननीय उच्चतम न्यायालय के निर्देश/अनुदेश प्रवृत्त होते हैं तो उपरोक्त आरक्षण में परिवर्तन/परिवर्धन हो सकता है।

सामान्य सूचनाएँ

1.7.3 यदि अनुसूचित जनजाति श्रेणी के प्रवेशार्थियों की अनुपलब्धता के कारण उनके लिए आरक्षित स्थान रिक्त रह जाते हैं, तो ऐसे रिक्त स्थानों को अनुसूचित जाति श्रेणी के प्रवेशार्थियों हेतु आरक्षित स्थानों में समायोजित कर दिया जायेगा।

1.7.4 यदि अनुसूचित जाति श्रेणी के प्रवेशार्थियों की अनुपलब्धता के कारण उनके लिए आरक्षित स्थान रिक्त रह जाते हैं, तो ऐसे रिक्त स्थानों को अनारक्षित माना जायेगा।

1.7.5 **आरक्षित स्थान पर प्रवेश हेतु केवल वह प्रवेशार्थी अर्ह होंगे जिसने प्रवेश आवेदन प्रपत्र/ऑनलाइन प्रपत्र में आरक्षित कोटि की सदस्यता का उल्लेख कर दावा किया है।**

1.7.6 प्रत्येक पाठ्यक्रम/विषय के लिए निर्धारित स्थानों के तीन प्रतिशत स्थान **शारीरिक विकलांग** आवेदकों के लिए आरक्षित रहेंगे (यह आरक्षण विभिन्न प्रकार के विकलांगों के लिए इस प्रकार अलग-अलग समझा जाय-अस्थि संरचना के आधार पर विकलांगों के लिए एक प्रतिशत, अन्ध विकलांगों के लिए एक प्रतिशत तथा श्रुति बाधित विकलांगों के लिए एक प्रतिशत।)

1.8 **महत्वपूर्ण : फार्म की प्रविष्टियाँ अन्तिम मानी जायेंगी तथा फार्म जमा होने के पश्चात् किसी भी प्रकार के संशोधन/परिवर्धन के अनुरोध को नहीं स्वीकार किया जायेगा।**

खण्ड 2
प्रवेश से सम्बन्धित नियम एवं प्रक्रिया

2.1 खण्ड 2 में उल्लिखित पाठ्यक्रमों में प्रवेश हेतु पी.जी.ए.टी. 2011 का आयोजन किया जा रहा है। प्रवेश परीक्षा तथा प्रवेश, इलाहाबाद विश्वविद्यालय अधिनियम, 2005 के अन्तर्गत इलाहाबाद विश्वविद्यालय अध्यादेश खण्ड 29(2) के अन्तर्गत प्रवर्तित परिनियम, अध्यादेश और अधिनियम एवं एतद्विषयक केन्द्रीय सरकार के निर्णयों से शासित है।

2.2 उन प्रवेशार्थियों के लिए जो प्रवेश परीक्षा से मुक्त हुए हैं, उनके प्राप्तांकों का निर्धारण स्नातक परीक्षा की तीनों वर्षों के उस विषय में प्राप्त अंकों के अधिकतम 300 अंकों के मानकीकृत योग होगा।

2.3.1.1 एम.ए./एम.एस. सी प्रवेश परीक्षा में किसी विषय में (300 के पूर्णांक पर) प्रवेशार्थी का प्राप्तांक उसका उक्त विषय हेतु मानकीकृत योग होगा, परन्तु अर्हकारी स्नातक परीक्षा में सांख्यिकी के बिना गणित लेकर उत्तीर्ण प्रवेशार्थी का प्रवेश परीक्षा में गणित का (300 के पूर्णांक पर) प्राप्तांक सांख्यिकी में प्रवेश हेतु उसका मानकीकृत योग होगा।

2.3.1.2 एम./एम.एस.सी. प्रवेश परीक्षा के दोनों विषयों के प्राप्तांकों के मानकीकृत योग के जो प्रवेशार्थी द्वारा प्राप्त किया गया है, उसको घोषित करने से पूर्व उसके दोनों विषयों में प्राप्त अंकों, जिसका मानकीकृत योग(300 के पूर्णांक पर) आंकलित किया जायेगा। प्रवेशार्थी के प्रवेश हेतु उसका मानकीकृत योग उक्त दोनों विषयों का (300 के पूर्णांक पर) प्राप्तांक एम.एस.सी कम्प्यूटर विज्ञान एवं एम.एस.सी. व्यावहारिक भू-विज्ञान में वरीयता क्रम का निर्धारण करने हेतु, गैर-विषय प्रवेश हेतु तथा हॉस्टलों में प्रवेश हेतु होगा। किन्हीं दो अभ्यर्थियों के मानकीकृत योग के समान होने पर उनके मध्य वरीयता क्रम का निर्धारण उनके द्वारा स्नातक परीक्षा में प्राप्तांक के योग द्वारा अथवा उसके भी एक समान होने

पर सम्बन्धित विषय के स्नातक परीक्षा के अंकों के योग (प्रयोगात्मक परीक्षा के अंकों को छोड़कर) के आधार पर अथवा उसके भी एक समान होने पर लाटरी द्वारा किया जाएगा।

2.3.1.3 एम.ए./एम.एस. सी प्रवेश परीक्षा में दोनों विषय में प्रवेशार्थियों के प्राप्तांकों को योग (300 के पूर्णांक पर आंकलित करके) एम.ए./एम.एस. सी. हेतु उसका मानकीकृत योग होगा। यदि खण्ड (1) के प्रस्तर 1.4 के उप प्रस्तर 1.4.6 में उल्लिखित परिस्थिति में प्रवेशार्थी केवल एक विषय की प्रवेश परीक्षा में प्रस्तुत हुआ है, तो इस नियम के अधीन उसका मानकीकृत योग उक्त एक विषय का (300 के पूर्णांक पर) प्राप्तांक ही होगा। **यदि प्रवेशार्थी से एम.ए./एम.एस.सी. प्रवेश परीक्षा में दो विषयों में प्रस्तुत होना अपेक्षित है, परन्तु वह केवल एक विषय में प्रस्तुत होता है, तो इस नियम अधीन उसके मानकीकृत योग के आंकलन हेतु यह माना जायेगा कि जिस विषय में वह प्रस्तुत नहीं हुआ है उसमें उसका (300 के पूर्णांक पर) प्राप्तांक शून्य (0) है।**

2.3.1.4 एम.कॉम. प्रवेश परीक्षा में प्रवेशार्थी का प्राप्तांक (300 के पूर्णांक पर आंकलित करके) एम.कॉम. के (प्रवेश परीक्षा में प्रस्तुत एवं उससे मुक्त) समस्त प्रवेशार्थियों के उक्त विषय या एम.कॉम हेतु **संगणित अंक** इस खण्ड के प्रस्तर (2.5) में वर्णित विधि के आंकलित किये जायेंगे। प्रत्येक विषय एवं एम.कॉम. में प्रवेश उसमें उपलब्ध स्थानों की सीमा तक प्रवेशार्थियों के संगणित अंकों (Computed Marks) के एकीकृत क्रम के अनुसार किये जायेंगे। परन्तु विशेष कोटियों (जैसे विषयेत्तर प्रवेशार्थी एम.ए./एम.एस.सी. मानव विज्ञान हेतु कला एवं विज्ञान के स्नातक उत्कृष्ट खिलाड़ी, विकलांग आदि के प्रवेशार्थियों को इन कोटियों हेतु निर्धारित अधिकतम स्थानों की संख्या तक ही प्रवेश दिया जायेगा। अनारक्षित स्थानों तथा अनुसूचित जातियों, जनजातियों, शारिरिक रूप से विकलांग प्रवेशार्थियों हेतु आरक्षित स्थानों के लिए पृथक-पृथक श्रेष्ठता क्रम होंगे। इस खण्ड के प्रस्तर 2.6 के अधीन विशेष सुविधाओं के लिए अर्ह प्रवेशार्थियों का प्रवेश उक्त श्रेष्ठता क्रम में उनकी स्थिति पर ध्यान दिये बिना, परन्तु विभिन्न प्रभावी सीमाओं का अतिक्रमण किये बिना, किया जायेगा।)

2.4.2 एम.ए./एम.एस. सी. मानव विज्ञान, एम.एस. सी. जैव रसायन एवं एम.कॉम में इलाहाबाद विश्वविद्यालय की सम्बन्धित विषय के साथ अर्हकारी स्नातक परीक्षा उत्तीर्ण करने वाले आवेदकों में से श्रेष्ठता क्रम में न्यूनतम स्थान पर प्रवेश प्राप्त आवेदक, जिसमें वह प्रवेशार्थी भी सम्मिलित हैं जो खण्ड 1 के प्रस्तर 1.6 के अधीन अन्तिम प्रवेश हेतु विचारणीय है, के संगणित अंक उस विषय या पाठ्यक्रम में प्रवेश का न्यूनतम अर्हकारी अंक होगा और किसी अन्य कोटि का आवेदक या प्रोविजनल प्रवेश हेतु विचारणीय उक्त न्यूनतम अर्हकारी अंक से कम अंक वाला आवेदक उस विषय/पाठ्यक्रम में प्रविष्ट नहीं किया जायेगा। परन्तु यह प्रतिबन्ध इस खण्ड के प्रस्तर 2.6 में स्वीकृत विशेष सुविधाओं से शासित प्रवेशार्थियों पर प्रभावी नहीं होगा।

2.5 प्रवेशार्थी के संगणित अंक के आंकलन के लिए उसके मानकीकृत योग में निम्नलिखित व्यवस्था के अनुसार अपक्षय/कटौती (Discount) को घटाया जायेगा तथा अधिभार (Weightage)

को जोड़ा जायेगा।

2.5.1 एम.ए./एम.एस.सी. के किसी विषय एवं एम.कॉम. के प्रवेश में **नवस्नातकों** (अर्थात जिन्होंने प्रवेश सत्र से तत्काल पूर्ववर्तीवर्ष की अर्हकारी स्नातक परीक्षा उत्तीर्ण की है) को उससे पूर्व वर्षों के स्नातकों के ऊपर **वरीयता दी जायेगी।** पूर्व वर्ष के स्नातक के मानकीकृत योग से अर्हकारी स्नातक परीक्षा उत्तीर्ण करने के वर्ष से व्यतीत प्रति सत्र हेतु **मानकीकृत योग के 5 प्रतिशत की दर से आवर्तक अपक्षय द्वारा 15 प्रतिशत की अधिकतम सीमा तक घटाया जाएगा।**

2.5.2 यदि प्रवेशार्थी एन.सी.सी. के ''सी'' प्रमाण पत्र का धारक है, तो उसके मानकीकृत योग में 5 प्रतिशत का अधिभार जोड़ा जायेगा।

2.5.3 कश्मीर विस्थापितों के पाल्यों (पुत्र अथवा पुत्री, पति अथवा पत्नी) को इलाहाबाद विश्वविद्यालय की प्रवेश परीक्षाओं में सम्मिलत होने पर उनके मानकीकृत योग में केन्द्र सरकार द्वारा निर्दिष्ट अधिभार प्रदान किया जाएगा। उक्त लाभ प्राप्त करने के लिए कश्मीर विस्थापित पाल्यों को मानव संसाधन विकास मंत्रालय के संयुक्त सचिव स्तर के अथवा समकक्ष (उसके नीचे के अधिकारी नहीं) से उक्त आशय का प्रमाण पत्र प्रवेश समिति के समक्ष प्रस्तुत करना होगा।

2.6 निम्न विशेष परिस्थितियों में उप प्रस्तर 2.6.1, 2.6.2 और 2.6.3 के अन्तर्गत विदेशी आवेदक प्रवेश के लिए एम.ए./एम.एससी. या एम.कॉम. के लिए पात्र होंगे।

2.6.1 वह विदेशी नागरिक जिसने विश्वविद्यालय के स्नातकोत्तर प्रवेश बोर्ड द्वारा निर्दिष्ट रीति से विश्वविद्यालय के विदेशी विद्यार्थी परामर्शदाता के माध्यम से प्रवेश हेतु आवेदन किया है, इस नियम के अधीन सुरक्षित अधिसंख्या के रूप में प्रवेश परीक्षा में सम्मिलित हुए बिना एम.ए./एम.एस.सी. के किसी विषय का एम. कॉम. में प्रवेश प्राप्त कर सकेगा। उपरोक्त के प्रवेश हेतु एक समिति का गठन किया जाएगा जो प्रमाण पत्रों की जांच के पश्चात् प्रवेश हेतु कोई संस्तुति करेगी।

2.6.2 एम.ए./एम.एस.सी. के सम्बन्धित विषय या एम.कॉम. में उपलब्ध स्थानों के 2 प्रतिशत की अधिकतम सीमा तक क्रीड़ा संघ (Athletic Association) के अध्यक्ष कीसंस्तुति के आधार पर उत्कृष्ट खिलाड़ी विश्वविद्यालय टीमों के कप्तान या (विश्वविद्यालय टीमों के सदस्य जिन्होंने अंतर्विश्वविद्यालय टूर्नामेन्ट में भाग लिया है) को श्रेष्ठता क्रम में उसकी स्थिति से निरपेक्ष होकर प्रवेश दिया जायेगा। यह विशेष सुविधा तभी अनुमन्य होगी जबकि प्रवेशार्थी ने प्रवेश पत्रक में इसका दावा किया हो।

2.6.3 सम्बन्धित विषय या एम.कॉम. के उपलब्ध स्थानों के 3 प्रतिशत की अधिकतम सीमा तक वह प्रवेशार्थी (1) जिसके अंग या अस्थि रचना (Ortopaedic structure) की 40 प्रतिशत प्रमाणित विकलांगता या श्रुति बाधित/विकृत है या जो प्रमाणित नेत्रहीन है तथा जो मूल्यांकन समिति के मतानुसार अधिकतम 70 प्रतिशत ही समग्र शारीरिक अक्षमता (Overall Physical Disabilty) का निर्धारण करती है तथा कठिनाई के बिना अध्ययन कर सकता है, को एम.ए./एम.एस.सी. या एम.कॉम. के श्रेष्ठता क्रम से निरपेक्ष होकर प्रवेश प्राप्त होगा। परन्तु इस प्रवेश हेतु कुल उपलब्ध स्थानों के तीन प्रतिशत स्थान की सीमा का अतिक्रमण नहीं होगा। यह विशेष सुविधा तभी अनुमन्य होगी

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जबकि प्रवेशार्थी ने प्रवेश आवेदन प्रपत्र में इसका दावा किया हो तथा उसे उत्तर प्रदेश के उपयुक्त जनपद के मुख्य राजकीय चिकित्साअधिकारी या विकलांग केन्द्र, इलाहाबाद द्वारा निर्गत विकलांगता प्रमाण पत्र (जिसमें विकलांगता को स्पष्ट दर्शाता हुआ उसका फोटो भी है) प्रवेश के समय प्रस्तुत करना होगा।

मूल्यांकन समिति : प्रवेश निदेशक (या उनका प्रतिनिधि) संयोजक के रूप में, अधिष्ठाता छात्र कल्याण (या उनका प्रतिनिधि) तथा प्रत्येक मूल्यांकन बैठक में तीन मेडिकल डॉक्टर जिनमें से कम से कम दो डॉक्टरों की उपस्थिति आवश्यक है।

2.6.4 विशेष सुविधाओं के अन्तर्गत प्रवेश प्राप्त प्रवेशार्थी अपनी सामाजिक कोटि के अनुसार एम.ए./एम.एस.सी. के सम्बन्धित विषय या एम.कॉम. में अनारक्षित स्थान या संगत कोटि हेतु आरक्षित स्थान पर समायोजित किये जायेंगे।

2.7 रक्षा अध्ययन, गणित एवं सांख्यिकी में एम.ए. व एम.एस.सी. के समस्त प्रवेशार्थियों को एकीकृत श्रेष्ठता क्रम में समायोजित करके, उनके प्रवेश किये जायेंगे। एम.एस.सी. के सभी विषयों में उन्हीं प्रवेशार्थियों को प्रवेश दिया जाएगा जिन्होंने विज्ञान विषयों में अर्हकारी स्नातक परीक्षा उत्तीर्ण की है।

2.8.1 **प्रवेशार्थी के प्रवेश आवेदन प्रपत्र की स्वीकृति अन्तरिम (Provisional) होगी, तथा ऐसी स्वीकृति से प्रवेशार्थी को प्रवेश का आश्वासन या अधिकार नहीं मिलेगा।**

2.8.2 एम.ए. व एम.एस. सी. के किसी विषय या एम.कॉम. के किसी प्रवेशार्थी के संगणित अंक के आंकलन सम्बन्धी त्रुटि होने पर, उसके सुधार के परिणामस्वरूप सम्बन्धित श्रेष्ठता क्रम में प्रवेशार्थी की स्थिति में संशोधन किया जायेगा तथा यदि उक्त सुधार के कारण प्रवेशार्थी प्रवेश प्राप्त प्रवेशार्थियों के श्रेष्ठता क्रम से हट जाता है, तो उसे दिया गया प्रवेश निरस्त कर दिया जायेगा।

2.8.3 विभिन्न पाठ्यक्रमों में प्रवेश प्राप्त प्रवेशार्थियों के नामांकन तथा उनके द्वारा निष्पादनीय अन्य प्रक्रियाओं के विषय में निर्देश, तथा ऐसे निर्देशों की अवहेलना के लिए (प्रवेश के निरस्तीकरण सहित) अनुमन्य दण्ड, विश्वविद्यालय के स्नातकोत्तर प्रवेश बोर्ड द्वारा निर्धारित होंगे एवं प्रवेशार्थियों के लिए बाध्यकारी होंगे।

2.9 यदि प्रवेशार्थी प्रवेश परीक्षा के दौरान अनुचित साधनों का प्रयोग अथवा अन्य प्रकार की अनुचित गतिविधि करता है, अथवा प्रवेश परीक्षा से पूर्व या उपरान्त की प्रक्रियाओं एवं प्रवेश की प्रक्रिया के दौरान हिंसक, धमकाने वाली अथवा उक्त प्रक्रियाओं हेतु व्यवधानात्मक गतिविधि करता है, अथवा मोबाइल फोन परीक्षा कक्ष में रखने का अपराध करता है तो उसे अनुचित साधन प्रयोग/गतिविधियों के लिए दोषरोपित एवं दण्डित किया जाएगा। इस सम्बन्ध में प्रक्रिया एवं दण्ड (जो प्रवेश-अभ्यर्थना/प्रवेश के निरस्तीकरण से लेकर एक या अधिक वर्ष अथवा सदा के लिए विश्वविद्यालय एवं उससे सम्बन्धित संस्थाओं में प्रवेश पर प्रतिबन्ध तक विस्तृत हो सकता है) का निर्धारण, विश्वविद्यालय के स्नातकोत्तर प्रवेश परीक्षा बोर्ड द्वारा किया जायेगा।

2.10 **किसी प्रवेशार्थी को कारण निर्धारित किये बिना प्रवेश के लिए अस्वीकार करने तथा समय-समय पर प्रवेश परीक्षा एवं प्रवेश की प्रक्रिया एवं नियमों में परिवर्तन करने का विश्वविद्यालय का अधिकार सुरक्षित है।**

प्रवेश से सम्बन्धित नियम एवं प्रक्रिया

2.11 किसी पाठ्यक्रम में इन नियमों तथा विश्वविद्यालय के अध्यादेशों/विनियमों/अन्य प्रावधानों के उल्लंघन में प्रवेशार्थी का प्रवेश एवं नामांकन, किसी भी चरण में ऐसे उल्लंघन के प्रकाश में आने पर पूर्वगामी प्रभाव से निरस्त हो जायेगा।

2.12 किसी प्रवेशार्थी ने अपने प्रवेश आवेदन प्रपत्र में कोई गलती या फर्जी पत्रजात संलग्न किया है तो उसके प्रवेश हेतु विचारणीय रहने का दावा निरस्त हो जायेगा तथा वह इस खण्ड के प्रस्तर 2.10 के प्रावधान से शासित होगा।

2.13 निम्नलिखित प्रावधान विश्वविद्यालय के समस्त स्नातकोत्तर विद्यार्थियों एवं प्रवेशार्थियों पर प्रभावी है।

2.13.1 इलाहाबाद विश्वविद्यालय के किसी छात्र (अन्य विश्वविद्यालय संस्थान सहित) को एक से अधिक डिग्री कोर्स (शोध सहित) में एक साथ प्रवेश/नामांकन से अधिक नहींदी जाती है अथवा विश्वविद्यालय के अन्य किसी संस्थान या घटक महाविद्यालय में प्रवेश की विचाराधीनता की अवधि में प्रवेश/नामांकन की अनुमति नहीं है।

2.13.2 कोई विद्यार्थी जैसा कि ऊपर लिखित प्रस्तर (2.13.1) के विपरीत हो किसी भी पाठ्यक्रम में किसी भी संस्थान में अपना नामांकन करा लेता है, उसका प्रवेश स्वतः (विश्वविद्यालय/उसके संस्थान अथवा सहयुक्त महाविद्यालय) में निरस्त हो जाएगा।

2.13.3 यदि कोई विद्यार्थी (संगठक संस्थाओं सहित) किसी भी पाठ्यक्रम में अपना नामांकन करा लेता है तो पूर्ववर्ती किसी भी पाठ्यक्रम का नामांकन ऊपर लिखित प्रस्तर 2.13.1 के अन्तर्गत उसी तिथि से निरस्त हो जाएगा जिस तिथि को विद्यार्थी ने नया नामांकन करा लिया है।

2.13.4 यदि उस विद्यार्थी ने जिसका किसी स्नातकोत्तर उपाधि प्रदायक पाठ्यक्रम (जिसमें विधि सम्मिलित है) में प्रवेश/नामांकन उप-प्रस्तर 2.13.3 के अधीन स्वतः निरस्त हो गया है, ऐसे निरस्तीकरण के समय उक्त पाठ्यक्रम के किसी भाग की परीक्षा में भूतपूर्व विद्यार्थी (Ex-Student) के रूप में प्रस्तुत होने की अर्हता अर्जित कर ली थी, तो वह उप-प्रस्तर 2.13.3 में उल्लिखित नये पाठ्यक्रम की अन्तिम परीक्षा उत्तीर्ण करने पर या उसमें अपना प्रवेश/नामांकन के समाप्त होने पर उक्त (पूर्ववर्ती पाठ्यक्रम की परीक्षा के) भाग की परीक्षा में भूतपूर्व विद्यार्थे के रूप में प्रस्तुत होने की अनुमति के लिए परीक्षा समिति को आवेदन कर सकता है, परन्तु परीक्षा समिति केवल निम्नलिखित शर्तों की पूर्ति पर ही उसे ऐसी अनुमति प्रदान करेगी।

2.13.4.1 अभिलेख यह स्थापित करता है कि उसने उक्त निरस्तीकरण के समय उक्त अर्हता अर्जित कर ली थी तथा

2.13.4.2 जिस शैक्षिक सत्र में वह उक्त भाग में नियमित (regular) विद्यार्थी के रूप में प्रविष्ट/नामांकित हुआ था उससे केवल अधिकतम चार लगातार शैक्षिक सत्र व्यतीत हुए हैं।

2.13.5 विश्वविद्यालय (जिसमें उसका कोई संस्थान सम्मिलित है) कोई विद्यार्थी एक ही शैक्षिक सत्र में एक से अधिक उपाधि प्रदायक पाठ्यक्रम की परीक्षा के किसी भाग में नियमित विद्यार्थी के रूप में प्रस्तुत नहीं हो सकता है।

2.13.6 यदि कोई व्यक्ति विश्वविद्यालय (जिसमें विश्वविद्यालय का सहयुक्त या संगठक महाविद्यालय सम्मिलित है) की विद्यार्थी नामावली (Roll) में आठ या अधिक शैक्षिक सत्रों की अवधि (जिसमें शोध छात्र के रूप में नामांकन की वास्तविक परन्तु इस निमित अनुमेय अधिकतम अवधि से अनधिक अवधि सम्मिलित नहीं है) व्यतीत कर चुका है तो वह किसी पाठ्यक्रम में प्रवेश हेतु अर्ह नहीं होगा।

2.13.7 उस विद्यार्थी को छोड़कर जिसे उसके सेवायोजक ने सम्बन्धित पाठ्यक्रम में प्रतिभाग करने (तथा उसमें उपस्थिति की अपेक्षाओं की पूर्ति करने) हेतु प्रायोजित किया है या अनुमति प्रदान की है, विश्वविद्यालय (जिसमें पत्राचार एवं सतत् शिक्षा संस्थान सम्मिलित नहीं है) के किसी भी विद्यार्थी को पूर्णकालिक सेवायोजन या पूर्णकालिक स्व-सेवायोजना में संलग्न रहने की अनुमति नहीं है।

सूचना : प्रवेश आवेदन करने से पूर्व प्रवेशार्थी यह सुनिश्चित कर लें कि उसकी अभ्यर्थना उपयुक्त प्रस्तर संख्या 2.13.1 से प्रस्तर संख्या 2.13.7 के नियमों से सुसंगत है।

खण्ड 3
प्रवेश परीक्षा का स्वरूप

3.1 एम.ए/एम.एस.सी./एम.कॉम. पाठ्यक्रमों में सत्र 2012-13 हेतु प्रवेश परीक्षा जैसा कि ब्रोशर के खण्ड 1 में निर्दिष्ट है पूरे देश में एक साथ आठ केन्द्रों पर सम्पन्न होगी। ये केन्द्र हैं इलाहाबाद, बरेली, बैंगलूर, दिल्ली, पटना, भोपाल, वाराणसी एवम गोरखपुर। **(यदि किसी केन्द्र पर परीक्षार्थी की संख्या 50 (पचास) से कम होगी तो उसकी परीक्षा समीप के परीक्षा केन्द्र में आयोजित होगी।)**

3.1.1. **केवल एम.एस.सी. कागनिटिव साइन्स, इन्टीग्रेटेड एम. टेक. अर्थ सिस्टम साइन्स अभ्यर्थी इन सेन्टरों के अलावा कोलकाता और मुम्बई सेन्टर का आवेदन कर सकते हैं।**

3.2 एम.ए. एवं एम.एस.सी. पाठ्यक्रमों में प्रवेश के इच्छुक अभ्यर्थी दोनों विषयों, जिन्हें वे बी.ए./बी.एस.सी. तृतीय वर्ष में पढ़ चुके हैं में प्रवेश परीक्षा में सम्मिलित होंगे। परन्तु बी.ए./बी.एस.सी. (ऑनर्स) पास अभ्यर्थी ऑनर्स के एक मुख्य विषय में प्रवेश परीक्षा में सम्मिलित होंगे, जैसे कि ब्रोशर के खण्ड 1 में निर्दिष्ट है।

3.2. एम.एस.सी. कम्प्यूटर विज्ञान में प्रवेश इच्छुक अभ्यर्थियों को दो विषयों की परीक्षा में सम्मिलित होना पड़ेगा (i)गणित (ii) भौतिक अथवा कम्प्यूटर विज्ञान

3.2.2 एम.एस.सी. व्यावहारिक भू-विज्ञान में प्रवेश इच्छुक अभ्यर्थियों को निम्नलिखित में से केवल दो विषयों की परीक्षा में सम्मिलित होना पड़ेगा (i) भौतिक (ii) गणित (iii) भू-विज्ञान

3.3 परास्नातक प्रवेश परीक्षा 2012 की समयावधि एम.ए. एवं एम. एस.सी. पाठ्यक्रमों हेतु तीन घण्टे (प्रत्येक विषय हेतु 1.30 घण्टे) तथा एम.कॉम., एक.ए./एम.एस.सी. मानवशास्त्र, एम.एस.सी. जैव रसायन, एम.एस.सी. कृषि विज्ञान, एम.म्यूज. एवं एम.ए. जन संचार हेतु 1.30 घण्टे होगी। प्रश्न एवं उत्तर पुस्तिकाओं के वितरण तथा प्रत्येक विषय की उत्तर पुस्तिकाओं के वितरण तथा प्रत्येक विषय की उत्तर पुस्तिका के मुखपृष्ठ पर प्रविष्टियों के भरने हेतु 15 मिनट का अतिरिक्त समय दिया जायेगा।

3.4 एम.ए. एवं एम.एस.सी. पाठ्यक्रमों में प्रत्येक के लिए संयुक्त प्रश्न पुस्तिकाएं होंगी। एम.म्यूज. प्रश्न पुस्तिका एम.ए. की प्रश्न पुस्तिका में सम्मिलित होगी। एम.म्यूज. तथा एम.ए. म्यूजिक की प्रश्न पुस्तिका समान होंगी। एम.कॉम., एम.ए./एम.एस.सी. मानवशास्त्र, एम.एस.सी. जैव रसायन, एम.एस.सी. कृषि विज्ञान

एवं एम.ए. जन संचार हेतु पृथक प्रश्न पत्र होंगे। प्रश्न पुस्तिकाओं के अन्तर्गत उपरोक्त पाठ्यक्रम के प्रत्येक विषय में संबंधित 300 पूर्णांक वाले पृथक प्रश्न पत्र होंगे। एम.कॉम., एम.ए./एम.एस.सी. मानवशास्त्र, एम.एस.सी. जैव रसायन, एम.एस.सी. कृषि विज्ञान एवं एम.ए. जन संचार के प्रश्न पत्र भी 300 पूर्णांक के होंगे। सभी विषयों के प्रश्न पत्र का प्रारूप समान होगा।

3.5 एम.ए. एवं एम.एस.सी. पाठ्यक्रमों की प्रवेश परीक्षा में बैठने वाले अभ्यर्थी को दो उत्तर पुस्तिकायें प्रदान की जायेंगी   प्रत्येक विषय जो उसने बी.ए./बी.एस.सी. तृतीय वर्ष में पढ़ा है, हेतु एक उत्तर पुस्तिका जो अभ्यर्थी एम..ए./एम.एस.सी. पाठ्यक्रमों में एक विषय में (मात्र ऑनर्स के छात्र-छात्राओं हेतु) एम.कॉम., एम.ए., एम.एस.सी. मानवशास्त्र एम.एस.सी. जैव रसायन, एम.एस.सी. कृषि विज्ञान, एम.म्यूज. एवं एम.ए. जन संचार की प्रवेश परीक्षा में बैठ रहे हैं उन्हें मात्र एक उत्तर पुस्तिका प्रदान की जायेगी। उत्तर पुस्तिका में प्रत्येक उत्तर हेतु समुचित स्थान अंकित होगा। कक्ष निरीक्षक प्रथम उत्तर-पुस्तिका 1.30 घण्टे बाद तथा द्वितीय उत्तर पुस्तिका परीक्षा समाप्त होने पर ले लेगा। अभ्यर्थी को प्रश्न पत्रों को एक बैठक में हल करना होगा तथा उन्हें परीक्षा समाप्त होने के पूर्व परीक्षा कक्ष छोड़ने की अनुमति नहीं होगी। **पी.जी. ए.टी. 2012 का विस्तृत कार्यक्रम आवरण पृष्ठ के पिछले भाग पर दिया गया है।**

3.5.1 कतिपय आवेदकों के लिए लिये विशेष एम.एफ.ए. फाईन आर्ट्स, एम.एस.सी. कागनिटिव साइन्स, एम.ए. सिनेमा और थियेटर, मास्टर आफ डेवलेपमेंट स्टडीज, एम.एस.सी. मेटिरियल साइन्स, इन्टीग्रेटेड एम.टेक. अर्थ सिस्टम साइन्स, एम.एस.सी. बायोइनफॉरमेटिक्स, एम.एस.सी. पर्यावरणीय विज्ञान, एम.एस.सी टेक्सटाइल और अपैरल डिजाइन को कृपया बहुत ध्यानपूर्वक नियम-कायदे, पाठ्यक्रम और योग्यता को पढ़ें।

3.6 एम.ए. संगीत (गायन व वादन सितार/तबला) तथा एम.म्यूज. में प्रवेश हेतु 300 अंकों के लिखित प्रश्न पत्रों के अतिरिक्त 100 अंकों की एक प्रयोगात्मक परीक्षा भी जो सम्बधित संगीत विभाग द्वारा सम्पन्न करायी जायेगी। लिखित एवं प्रयोगात्मक परीक्षा के प्राप्तांकों के आधार पर परिणाम घोषित किया जायेगा। इसी प्रकार एम.ए. पेन्टिंग के प्रवेश हेतु सम्बन्धित विभाग द्वारा 100 अंकों की प्रयोगात्मक प्रवेश परीक्षा होगी तथा लिखित एवं प्रयोगात्मक परीक्षा के प्राप्तांकों के आधार पर परिणाम घोषित किया जायेगा।

3.7 एम.ए./एम.एस.सी./एम.कॉम. प्रवेश परीक्षा के प्रत्येक विषय का प्रश्न पत्र इलाहाबाद विश्वविद्यालय के उस विषय के बी.ए./बी. एस.सी./बी.कॉम. पाठ्यक्रम संलग्न हैं।

3.8 प्रवेश परीक्षा के प्रत्येक प्रश्नपत्र में निम्नलिखित प्रकार के प्रश्न होंगे।

3.8.1 **50 शब्द**   सीमा के लघु उत्तर प्रकार के प्रश्न

3.8.2 **150 शब्द**   सीमा के मध्यम उत्तर प्रकार के प्रश्न

3.9 अभ्यर्थियों को यह सलाह दी जाती है कि वे उत्तर   पुस्तिका के आवरण पृष्ठ पर मुद्रित निर्देशों का सावधानीपूर्वक अनुपालन करें।

3.10 परीक्षा कक्ष में प्रवेशार्थियों से बात करना, किसी प्रकार के अनुचित साधन का प्रयोग या प्रयास करना, किसी अनुचित गतिविधि में संलग्न होना, स्वयं या अन्य व्यक्तियों के साथ मिलकर प्रवेश परीक्षा के सुचारू संचालन में व्यवधान डालना अथवा अधिकारी या कक्ष निरीक्षक द्वारा दिये गये निर्देशों की अवहेलना करना पूर्णतया वर्जित है। ऐसी वर्जना के अतिक्रमण पर प्रवेार्थी अनुचित साधन/अनुचित कार्यवाही हेतु दोषेंरोपित एवं दण्डित किया जायेगा।

3.11 प्रत्येक प्रश्न पत्र हेतु निर्धारित अवधि के समापन पर प्रवेशार्थी को अपनी उत्तर-पुस्तिका परीक्षा कक्ष के कक्ष निरीक्षक को सौंपनी होगी। यदि प्रवेशार्थी सम्बन्धित उत्तर-पुस्तिका उक्तानुसार कक्ष निरीक्षक को नहीं सौंपता है अथवा उसका एक या अधिक पृष्ठ संलग्न पर्ण उससे पृथक करता है अथवा उत्तर-पुस्तिका या उसके किसी अंश को परीक्षा कक्ष से बाहर ले जाता है अथवा वह निर्गत उत्तर-पुस्तिका कक्ष निरीक्षक को सौंपता है तो वह अनुचित साधन/अनुचित गतिविधियों के लिए दोषारोपित एवं दण्डित किया जायेगा।

3.12 प्रवेशार्थी इस बात का ध्यान रखें कि प्रवेश परीक्षा में उसके ज्ञान तथा उत्तर देने की गति दोनों का परीक्षण होगा, तथा प्रत्येक विषय (एम.ए.,एम.एस.सी., या एम.कॉम.) के श्रेष्ठता   क्रम में स्थान प्राप्त करने हेतु प्रत्येक प्रवेशार्थी अन्य प्रवेशार्थियों का प्रतिस्पर्धी है। अतः उसे चाहिये कि वह प्रश्न पत्र में वर्णित निर्देशों का साधानीपूर्वक अनुपालन करे तथा प्रश्नों को सही समझने का प्रयास करते हुए सोच-विचार कर उपयुक्त उत्तर दे। प्रश्नों में निर्धारित शब्द सीमा का सुदृढ़ अनुपालन करना है।

3.13 प्रवेश परीक्षा में सम्मिलित होने के लिए प्रवेशार्थी को अनिवार्यतः निदेशक पी.जी.ए.टी. 2012 द्वारा हस्ताक्षरित एवं निर्गत किया गया प्रवेश पंजीकरण पत्रक लाना (Admit Card) है **प्रवेश पंजीकरण/पत्रक के बिना परीक्षा में बैठने की अनुमति नहीं होगी।**

3.14 प्रवेश परीक्षा परिसर एवं परीक्षा कक्ष में प्रवेशार्थी द्वारा अनुचित, अनधिकृत या अनावश्यक सामग्री (जिसमें पुस्तें, पुस्तकांश, हस्तलिखित/मुद्रित/टंकित पृष्ठ या रेखाकृतियाँ, छायाप्रतियाँ, अन्य सामग्री/वस्तुएं जिनसे उत्तर देने में अनुचित सहायता मिल सकती है आदि) साथ लाना किसी भी स्थिति मे पूर्णतया वर्जित है। प्रवेश परीक्षा में **किसी भी प्रकार के गणक (Calculator) का प्रयोग वर्जित है।**

3.15 प्रवेशार्थी को प्रश्न पत्र का उत्तर देने में एक ही रंग की स्याही/बाल पेन का प्रयोग करना है अतः प्रवेशार्थी उन्हें समुचित मात्रा में साथ लेकर परीक्षा कक्ष में आयें।

3.16 प्रवेश परीक्षा की उत्तर पुस्तिकाओं की संवीक्षा या पुनर्मूल्यांकन की किसी भी आधार पर अनुमति नहीं दी जायेगी।

3.17 **प्रवेश परीक्षा की अवधि में मोबाइल/सेलुलर फोन लेकर विश्वविद्यालय परिसर में प्रवेश पूर्णतया प्रतिबन्धित है। इस चेतावनी के बाद भी यदि किसी प्रवेशार्थी के पास मोबाइल फोन प्राप्त होता है तो उसकी प्रवेश परीक्षा निरस्त कर दी जायेगी और उसे तत्काल परीक्षा कक्ष से बाहर निकाल दिया जाएगा तथा भविष्य में उसे अन्य प्रवेश परीक्षाओं में सम्मिलित होने से वंचित कर दिया जाएगा।**

खण्ड   4
ओ.एम.आर. पत्रक सम्बन्धी सूचनाएँ एवं निर्देश

प्रवेश परीक्षा का स्वरूप

4.1 एम.ए./एम.कॉम./एम.एस.सी. के सभी वर्गों के आवेदकों द्वारा **केवल एक ही प्रकार का ओ.एम.आर. पत्रक भरा जाना है।** इसके लिए आवश्यक निर्देश उप अनुच्छेद 4.1.1 से 4.1.10 तक तथा 4.2 में दिये गये हैं। सामान्य/ओ.बी.सी. वर्ग के लिए ओ.एम.आर. फार्म का रंग गुलाबी तथा आरक्षित वर्ग (अनुसूचित जाति/अनुसूचित जनजाति/विकलांग) के लिए हल्के नारंगी रंग का होगा। आवेदक द्वारा अनुच्छेद 4.3 भी अवश्य पढ़ लिया जाना चाहिए। समस्त देय जानकारियां आवेदन पत्र (ओ.एम.आर. पत्रक) के उचित वृत्तों को काला करके प्रदान की जानी है तथा साथ ही जहाँ भी आवश्यक हो वहाँ अंग्रेजी वर्णमाला के बड़े अक्षरों तथा अंग्रेजी (अन्तर्राष्ट्रीय) संख्याओं में प्रविष्टियाँ भी करनी है।

4.1.1 आवेदक द्वारा एम.ए. (एम.म्यूज. सहित)/एम.कॉम./एम.एस.सी. पाठ्यक्रम के लिए **एक ओ.एम.आर.** पत्रक तथा एम.ए./एम.एस.सी.(मानव विज्ञान) एम.एस.सी (जैव रसायन) एम.एस.सी. (कृषि) तथा एम.ए. जन संचार के लिए **एक ओ.एम.आर.** आवेदक पत्रक अवश्य भरा जाना चाहिए।

4.1.2 भली-भाँति पूर्णतः भरा हुआ ओ.एम.आर. आवेदन पत्रक परास्नातक प्रवेश परीक्षा 2012 के कार्यालय (प्रवेश भवन, चैथम लाइन्स, इलाहाबाद विश्वविद्यालय) में निर्धारित समय व तिथि के भीतर जमा किया जाना है। तिथि वह समय की घोषणा विभिन्न समाचार पत्रों तथा विवरणिका में दी गई है।

4.1.3 चूँकि ओ.एम.आर. पत्रक का संवेदनशील स्कैनर्स पर प्रसंस्करण किया जाना है, **अतः इसे किसी भी दशा में मोड़ना नहीं चाहिए। कोई अन्य अभिलेख इसके साथ न चिपकायें तथा पिन द्वारा स्टेपिल न करें।**

4.1.4 **ओ.एम.आर. पत्रक भरने से पहले** भली-भाँति विचार कर लें। ओ.एम.आर. पत्रक में सभी प्रविष्टियां बहुत सावधानीपूर्वक भरी जानी चाहिए। दोहरा लेखन कदापि न करें। काट-पीट की भी अनुमति नहीं है। बेहतर होगा कि आप पहले ओ.एम.आर पत्रक की एक छायाप्रति करवा लें। सर्वप्रथम उस छायाप्रति को भर लें, तत्पश्चात् उसी के अनुसार भूल ओ.एम.आर. पत्रक में प्रविष्टियाँ करें।

4.1.5 ओ.एम.आर. पत्रक को अतिसंवेदनशील स्कैनर पर स्कैन किया जाना है अतः केवल काली स्याही वाले बाल पेन से इसे भरें।

4.1.6 केवल 3.0cm x 3.5cm के आवेदक के नाम सहित नवीनतम रंगीन फोटो ही निर्धारित स्थानों पर भली-भाँति चिपकायें (पिन द्वारा अथवा स्टेपिल न करें) **श्वेत-श्याम फोटो प्रतिबन्धित है। आवेदक को सलाह दी जाती है कि फोटो इस तरह खिंचवायें कि फोटो पर अभ्यर्थी का नाम स्पष्ट रूप से प्रदर्शित हो तथा फोटोग्राफ का आकार ओ.एम.आर. आवेदन प्रपत्र परदिये गये आयत से बड़ा कदापि न हो।**

4.1.7 जहां भी आवश्यक हो वहां केवल अंग्रेजी वर्णमाला के बड़े अक्षरों तथा अंग्रेजी अंतर्राष्ट्रीय अंकों का ही प्रयोग करें, अन्यथा आपका आवेदन पत्र निरस्त किया जा सकता है।

4.1.8 ओ.एम.आर. पत्रक को आवेदक द्वारा स्वयं ही हस्तलिपि में भरा जाना अनिवार्य है **अन्त में निर्धारित स्थान पर आवेदक का हस्ताक्षर भी अनिवार्य है** यदि बाद में यह संज्ञान में आता है कि इसे आवेदक द्वारा स्वयं भरा अथवा हस्ताक्षरित नहीं किया

गया है तो इसे निरस्त किया जा सकता है।

4.1.9 ओ.एम.आर. पत्रक की सभी प्रविष्टियों हेतु आवेदक स्वयं पूर्णतः उत्तरदायी होगा। यदि आवेदक द्वारा कोई तथ्य छुपाया गया हो अथवा भ्रामक जानकारी प्रदान की गयी हो तो वर्तमान व भविष्य में विश्वविद्यालय में किसी भी प्रवेश के लिए उसे अयोग्य ठहराया जा सकता है। इसके अतिरिक्त यह आवेदन पत्र भी स्वतः निरस्त हो जायेगा।

4.1.10 **एक बार आवेदन पत्र जमा हो जाने पर उसमें कोई संशोधन या परिवर्तन सम्भव नहीं होगा।**

4.2 ओ.एम.आर. आवेदन पत्रक के विभिन्न स्तम्भों को भरने के लिए निर्देश :

आवेदक को सलाह दी जाती है कि फोटो इस तरह खिंचवायें कि फोटो पर अभ्यर्थी का नाम स्पष्ट रूप से प्रदर्शित हो तथा फोटोग्राफ का आकार ओ.एम.आर. आवेदन पत्रक पर दिये गये आयत से बड़ा कदापि न हो।

स्तम्भ 1: इस स्तम्भ में आवेदक को यह बताना है कि वह किस पाठ्यक्रम के लिए आवेदन कर रहा/रही है, अर्थात् एम.ए. (एम.म्यूज. सहित)/एम.एस.सी/एम.कॉम./एम.एस.सी. (कृषि)/एम.एस.सी. (जैव रसायन)/एम.एस.सी. (मानव विज्ञान) एम.ए. जनसंचार तथा एम.एस.सी. व्यवहारिक भू-विज्ञान, एम.एफ.ए. फाईन आर्ट्स, एम.एस.सी. कागनिटिव साइन्स, एम.ए. सिनेमा और थियेटर, मास्टर आफ डेवलेपमेंट साइन्स, एम.एस.सी. मेटिरियल साइन्स, इन्टीग्रेटेड एम.टेक. अर्थ सिस्टम साइन्स, एम.एस.सी. बायोइनफॉरमेटिक्स, एम.एस.सी. इनवायरमेन्टल साइन्स, एम.एस.सी टेक्सटाइल और अपैरल डिजाइन इसके लिए सही खाने को काला करें। स्तम्भ 1 में एक से ज्यादा वृत्त काले करने पर आवेदन पत्र निरस्त हो जायेगा। एम.म्यूज. मानव विज्ञान, जैव रसायन तथा कृषि के लिए दूसरा आवेदन पत्र लें।

स्तम्भ 2: दूसरे स्तम्भ में अभ्यर्थी द्वारा अपना नाम लिखा जाना है। नाम अंग्रेजी वर्णमाला के बड़े अक्षरो में ही लिखा जाना चाहिए। एक पूर्ण शब्द के पश्चात् एक खाना खाली छोड़ दें। नाम के साथ श्री, कु., श्रीमती, डॉ. आदि न लिखें। नाम के प्रत्येक अक्षर के नीचे उचित वृत्त को काला भी किया जाना है।

स्तम्भ 3: इस स्तम्भ में अभ्यर्थी का लिंग (पुरुष अथवा महिला) दर्शित किया जाना है इसके लिए उचित वृत्त को काला करें।

स्तम्भ 4: यह स्तम्भ अत्यन्त महत्वपूर्ण है। इस स्तम्भ में अभ्यर्थी के सामाजिक श्रेणी का स्पष्ट उल्लेख होना चाहिए। (i) SC का अर्थ अनुसूचित जाति से है। (ii) ST का अर्थ अनुसूचित जन-जाति से है। (iii)OBC का अर्थ अन्रू पिछड़े वर्गों से है। (iv) General का अर्थ अनारक्षित वर्गों से है।

स्तम्भ 5: इस स्तम्भ का सम्बन्ध खण्ड 2 के अनुच्छेद 2.3 तथा 2.6 (2.6.1 से 2.6.4 तक) के अन्तर्गत आच्छादित विभिन्न श्रेणियों के आवेदकों को देय भरांशों तथा विशेष विचारणीय देयताओं से है जो आवेदक ऐसे भरांशों/विशेष विचारणीय देयताओं से आच्छादित नही है उन्हें इस स्तम्भ में कोई प्रविष्ट नहीं करनी चाहिए जो आवेदक ऐसे भरांशों/विशेष विचारणीय देयताओं से आच्छादित है उन्हें इस स्तम्भ में उचित वृत्तों को काला करना चाहिए। इनके लिये निम्न बिंदु दिये गये हैं

(i) N.C.C. "C" का अर्थ राष्ट्रीय कैडेट कोर के "C" प्रमाण पत्र धारक है।

(ii) Physically Challenged का अर्थ शारीरिक विकलांगता से है।

(iii) Outstanding Sportsperson का अर्थ उत्कृष्ट खिलाड़ी से है।

(iv) Kashmiri Migrant का अर्थ कश्मीरी विस्थापितों से है।

अभ्यर्थी यह अवश्य ध्यान रखें कि इन चारों श्रेणियों में से प्रत्येक दावे की प्रतिपुष्टि के लिए उसका इस आवेदन पत्र के उचित वृत्त को काला करना अनिवार्य है। ध्यान रखें कि ऐसे उचित वृत्त को काला न करने पर सम्बन्धित भरांशों/लाभ कदापि देय नहीं होगा।

(v) कर्मचारी / अध्यापकों के पाल्य।

स्तम्भ 6a, 6b तथा 6c के लिए महत्वपूर्ण टिप्पणी

स्तम्भ 6a, 6b तथा 6c भरने के लिये निम्नलिखित बिंदुओं को ध्यान में रखना चाहिए।

(क) एम.ए./एम.एस.सी. के जिन विषयों में प्रवेश परीक्षा आयोजित होनी है उनका उल्लेख खण्ड 1 के अनुच्छेद 1.1 की तालिका 1 (टेबुल 1) के भाग A (i) A(ii) (iii) में किया गया है।

(ख) उक्त तालिका 1 में विषयों तथा गैर विषय पाठ्यक्रम के कूट संकेतांक भी दिये गये हैं।

(ग) **स्नातक तृतीय वर्ष में अध्ययन किये गये विषयों के कूट संकेतांक तालिका 2 (टेबुल 2) पर दिया गया है।**

(घ) उक्त तालिका में यदि किसी विषय का उल्लेख नहीं किया गया है तो आवेदक द्वारा आवश्यकतानुसार उसका उल्लेख कूट संकेतांक 00 द्वारा किया जाना चाहिए।

स्तम्भ6a: इस स्तम्भ के अन्तर्गत आवेदक को बी.ए./बी.एस.सी. भाग 3 की परीक्षा के तालिका 2 में दिये गये, दो विषयों के निर्धारित कूट संकेतांकों के वृत्तों को काला करना होगा। ऐसे आवेदक जिन्होंने बी.ए./बी.एस.सी. (ऑनर्स) परीक्षा पास की हो (अथवा परीक्षा दी हो) उन्हें केवल उस एक विषय के लिए कूट संकेतांकों के वृत्तों को काला करना होगा जो ऑनर्स परीक्षा का मुख्य विषय था। यदि बी.ए./बी.एस.सी. भाग 3 की परीक्षा में लिये गये दो विषयों में से कोई एक विषय उपरोक्त तालिका में न हो तो उसके लिए आवेदक को ऐसे दूसरें विषय के लिए कूट संकेतांक 00 के वृत्तों को काला करना होगा।

स्तम्भ 6b: इस स्तम्भ की प्रविष्टियां खण्ड 1 के अनुच्छेद 1.3 के उप अनुच्छेदों 1.3.1 से 1.3.7 के अनुसार की जानी है, जो निम्न प्रकार है।

(क) एम.ए./एमएस.सी. परीक्षा के ऐसे आवेदक जिन्होंने बी.ए./बी.एस.सी. भाग 3 की परीक्षा अथवा ऑनर्स परीक्षा पास की हो (अथवा परीक्षा दी हो) उन्हें उक्त परीक्षा के दो विषयों के निर्धारित कूट संकेतांको के वृत्तों को काला करना होगा।

(ख) एम.ए./एम.एस.सी. परीक्षा के ऐसे आवेदक जिन्होंने बी.ए./बी.एस.सी. भाग 3 की परीक्षा तथा ऑनर्स परीक्षा पास की हो (अथवा परीक्षा दी हो) उन्हें केवल उस एक विषय के लिए कूट संकेतांकों के वृत्तों को काला करना होगा जो ऑनर्स परीक्षा का मुख्य विषय था, तथा साथ ही दूसरे विषय के लिए कूट संकेतांक 00 को वृत्तों को काला करना होगा।

(ग) एक.कॉम. प्रवेश परीक्षा के अभ्यर्थियों (खण्ड 1 के अनुच्छेद 1.3 के उप अनुच्छेद 1.3.2 के अन्तर्गत) को एक.कॉम. के निर्धारित कूट संकेतांकों के वृत्तों को काला करना होगा तथा दूसरे विषय

के लिए कूट संकेतांक 00 के वृत्तों को काला करना होगा।

स्तम्भ 6C: इस स्तम्भ के अन्तर्गत एम.ए./एम.कॉम. प्रवेश परीक्षा के ऐसे अभ्यर्थी खण्ड 1 के अनुच्छेद 1.4 के उप अनुच्छेदों 1.4.1 व 1.4.2 के अन्तर्गत एम.ए. के एक अथवा दो विषयों में विषयेतर अभ्यर्थियों के रूप में विचारित होना चाहते हों, उन्हें ऐसे दो उपलब्ध विषयों तक अपनी वरीयता सम्बन्धित विषय/विषयों के कूट संकेतांक के वृत्तों को काला करना होगा। यही प्रक्रिया एम.एस.सी प्रवेश परीक्षा के ऐसे आवेदकों के लिए भी लागू होगी जो एक.कॉम., एम.एस.सी. प्रतिरक्षा अध्ययन तथा एम.ए. के लिये प्रवेश योग्य विषयों/पाठ्यक्रमों में अधिकतम दो विषयों तक अपनी वरीयता देना चाहते हों।

स्तम्भ 7: इस स्तम्भ में शीर्ष पर शुद्ध रूप से अंकों में जन्म तिथि अंग्रेजी व अन्तर्राष्ट्रीय अंकों में लिखें तथा उसी के अनुरूप वृत्तों को काला भी करें।

स्तम्भ 8: इस स्तम्भ में अभ्यर्थियों को अपना मोबाइल नम्बर अंकित करना है। सही मोबाइल नम्बर अंकित होने पर आपको परीक्षा सम्बन्धी महत्वपूर्ण जानकारियां एस.एम.एस. द्वारा प्रदान की जायेगी।

स्तम्भ 9: इस स्तम्भ में पिता का नाम, श्री, डॉ. आदि के **प्रयोग किए बिना** लिखें। नाम अंग्रेजी वर्णमाला के बड़े अक्षरों में लिखा जाना चाहिए और वृत्तों को काला भी किया जाना चाहिए। नाम के प्रत्येक भाग के समाप्त होने के पश्चात **एक खाना खाली** छोड़ दें। नाम के अन्त प्रत्येक अक्षर के नीचे उचित वृत्त को काला भी करें जैसा स्तम्भ 2 में किया गया था।

स्तम्भ 10: इस स्तम्भ में अभ्यर्थी की मां का नाम अंग्रेजी वर्णमाला के बड़े अक्षरों में लिखा जाना है नाम से पूर्व श्रीमती/डॉक्टर/प्रोफेसर/कैप्टन आदि न लिखें। नाम के प्रत्येक भाग के पश्चात एक खाना खाली छोड़ दें।

स्तम्भ 11: स्तम्भ 11 में प्रत्येक अभ्यर्थी को अपने परीक्षा केन्द्र जहां पर वह पी.जी.ए.टी. 2012 हेतु बैठ रहा है का शुद्ध संकेतांक प्रविष्ट करें। अभ्यर्थी को उचित वृत्त काला करना है। परीक्षा केन्द्रों के संकेतांक निम्न हैं।

केन्द्र	केन्द्र	केन्द्र
इलाहाबाद	बेंगलूरु	गोरखपुर
बरेली	पटना	बनारस
भोपाल	दिल्ली	

मुम्बई और कोलकाता केवल एम.एस.सी. कागनिटिव साइन्स और इन्टीग्रेटेड एम.टेक. अर्थ सिस्टम साइन्स।

स्तम्भ 12: इस स्तम्भ में अभ्यर्थी को उत्तीर्ण की गयी (अथवा दी गयी) विभिन परीक्षाओं तथा अन्य आवश्यक सूचनाओं का स्तम्भवार विवरण देना है।

स्तम्भ 13: अभ्यर्थियों को अपना ब्लड ग्रुप दर्शायें।

स्तम्भ 14: अभ्यर्थियों अपना अल्पसंख्यक वर्ग दर्शायें।

घोषणा एवं हस्ताक्षर : आवेदन पत्र भरने के पश्चात अन्त में अभ्यर्थी को **अपने हस्ताक्षर, स्थान एवं दिनांक स्वयं अपनी हस्तलिपि में लिखने होंगे** जो यह सत्यापित करेगा कि इस पत्रक को भरने में उसके द्वारा दी गयी सूचनाएं सही हैं तथा पत्रक जमा करने के पश्चात उसमें किसी प्रकार कोई भी संशोधन सम्भव नहीं होगा।

महत्वपूर्ण टिप्पणी : ओ.एम.आर. आवेदन पत्रक को शुद्ध रूप से भरने के पश्चात इसे कोई क्षति पहुँचाये बिना इसकी दो छाया प्रतियां अवश्य करा

ओ.एम.आर. पत्रक सम्बन्धी सूचनाएँ एवं निर्देश

लें, इनमें से एक छाया प्रति आवेदक द्वारा अपने पास सुरक्षित रूप से रखनी चाहिए ताकि भविष्य में सन्दर्भ के लिए इसका प्रयोग किया जा सके। दूसरी छाया प्रति मूल ओ.एम.आर. आवेदन पत्रक के साथ दिये गये लिफाफे में रखकर प्रवेश भवन में निर्धारित जमा खिड़की पर दी जानी चाहिए। ध्यान रहे कि इसी लिफाफे में मूल ओ.एम.आर. आवेदन पत्रक भी अलग से रखा जाना है जो किसी भी प्रकार से मुड़े नहीं तथा उस पर कोई भी पिन अथवा स्टेपल न किया जाए।

4.3 प्रवेश परीक्षा के लिये दिये गये **प्रवेश पत्र** को सुरक्षित रखें, **ऑन लाइन प्रवेश पत्र 15 मई 2012 तक उपलब्ध होगा।** क्योंकि इसकी आवश्यकता प्रवेश परीक्षा केस समय तथा उसके पश्चात् प्रवेश प्रक्रिया के समय भी होगी। इस प्रवेश पत्र की आवश्यकता छात्रावासों में प्रवेश के समय भी होगी।

4.4 वर्तमान परीक्षा के लिए जमा किये गये शुल्क की न तो वापसी होगी और न ही इसे किसी अन्य परीक्षा हेतु स्थानान्तरित किया जायेगा।

4.5 **प्रवेश पत्रक :** विश्वविद्यालय द्वारा प्राप्त सभी अर्ह आवेदनों के लिए प्रवेश पत्र विश्वविद्यालय की वेबसाइट www.auadmission.co.in पर उपलब्ध होगा। अभ्यर्थी अपना ओ.एम.आर. फार्म संख्या एवं जन्मतिथि को वेबसाइट पर लिख कर अपना प्रवेश पत्र 15 मई 2012 के उपरान्त डाउनलोड कर सकते हैं। प्रवेश परीक्षा में बैठने के लिए प्रवेश पत्र ऐसे सभी अर्ह अभ्यर्थियों को निर्गत किये जायेंगे जिनके आवेदन (रजिस्ट्रेशन) ऑनलाइन प्रपत्र अथवा ओएम.आर. प्रपत्र सभी दृष्टियों से परिपूर्ण, विश्वविद्यालय द्वारा सूचित अन्तिम तिथि या इससे पहले विश्वविद्यालय को प्राप्त हो गये हों। प्रवेश पत्रक में अभ्यर्थी के आवेदन पत्रक की संख्या, अनुक्रमांक, नाम, पिता का नाम, माता का नाम, सामाजिक संवर्ग, अधिभार/अधिलाभ की विशेष सुविधा, आवंटित परीक्षा केन्द्र का नाम और पता तथा परीक्षा कार्यक्रम से सम्बन्धित सूचना उपलब्ध होगी।

निर्देश : प्रवेश पत्र डाक द्वारा या विश्वविद्यालय पटल से निर्गत नहीं किये जायेंगे। वेबसाइट से डाउनलोड किये गये बारकोडेड प्रवेश पत्र मान्य होगा तथा उसके सत्यापन की आवश्यकता नहीं है।

5.1 **ऑनलाइन आवेदन कैसे करें :** अभ्यर्थी ऑनलाइन आवेदन वेबसाइट www.auadmission.co.in पर प्रेषित कर सकते हैं तथा वेबसाइट पर ऑनलाइन आवेदन से सम्बन्धित सभी सूचनायें उपलब्ध हैं।

5.2 **ऑनलाइन विवरण पुस्तिका :** ऑनलाइनविवरण पुस्तिका वेबसाइट www.auadmission.co.in पर उपलब्ध है और अभ्यर्थी इसे इन्टरनेट द्वारा डाउनलोड कर प्राप्त कर सकते हैं। आवेदन करने से पहले अभ्यर्थी विवरण पुस्तिका व वेबसाइट पर अन्य निर्देशों को ध्यानपूर्वक पढ़ें।

5.3 **ऑनलाइन आवेदन प्रपत्र जमा करने की विधि :** ऑनलाइनआवेदन करने के लिए अभ्यर्थियों को पहले परीक्षा शुल्क जमा करना आवश्यक है तत्पश्चात् वेबसाइट पर जाकर अपना आवेदन पंजीकृत करना होगा।

5.4 **ऑनलाइन आवेदन की परीक्षा शुल्क जमा करने की विधि :** अभ्यर्थियों को आवेदन शुल्क जमा करने के लिये एच.डी.एफ.

सी. बैंक का चलान, वेबसाइट द्वारा प्राप्त कर उसे सही विधि से भरना होगा। चालान की प्रति वेबसाइट पर उपलब्ध है और अभ्यर्थी उसे डाउनलोड कर सकते हैं। आवश्यक है कि अभ्यर्थी चलान पर पी.जी.ए.टी. 2012 का सही खाता संख्या व अपने वर्ग के अनुसार सही शुल्क जमा करें (सामान्य एवं पिछड़े वर्ग के अभ्यर्थियों के लिए रू० 600/- नगद एवं अनुसूचित जाति, अनुसूचित जनजाति एवं विकलांग वर्ग के अभ्यर्थियों के लिए रू० 300/-)। चालान एवं आवेदन शुल्क एच.डी.एफ.सी. बैंक की किसी भी शाखा पर जमा किया जा सकता है। शुल्क जमा करने पर भारतीय स्टेट बैंक प्रत्येक अभ्यर्थी को 8 अंकों का विशिष्ट एवं अद्वितीय रसीद नं० प्रदान करेगा जो कि चलान की अभ्यर्थी प्रति एवं विश्वविद्यालय प्रति पर भी अंकित होगा। बैंक द्वारा शुल्क का भुगतान हो जाने के पश्चात बैंक अभ्यर्थी को अभ्यर्थी प्रति एवं विश्वविद्यालय प्रति देगा। बैंक द्वारा चालान पर अंकित विशिष्ट एवं अद्वितीय रसीद संख्या को अभ्यर्थियों द्वारा ऑनलाइन आवेदन फॉर्म पर अंकित करना होगा। **यदि वह रसीद संख्या बैंक द्वारा विश्वविद्यालय को दी गयी सूचना से भिन्न होगी तो अभ्यर्थियों का प्रवेश पत्र जारी नहीं किया जायेगा। अतः अभ्यर्थी इसे ऑनलाइन आवेदन पर ध्यानपूर्वक भरें। बैंक द्वारा प्रदान की गयी चालान की विश्वविद्यालय प्रति को अभ्यर्थी सुरक्षित रखें तथा मांगने पर प्रस्तुत करें।**

5.5 **ऑनलाइन आवेदन हेतु आवश्यक निर्देश :** आवेदक को अपने नाम सहित रंगीन व स्पष्ट नवीनतम फोटोग्राफ की स्कैन कॉपी व हस्ताक्षर की स्कैन कॉपी को आवेदन के समय अपलोड करना आवश्यक है। फोटो खिंचवाते समय अपने नाम की पट्टिका रखकर फोटो खिंचवायें ताकि फोटो पर अभ्यर्थी का नाम छपा हो। वेबसाइट के ऑनलाइन आवेदन फार्म पर सभी प्रविष्टियों को सही प्रकार से भरकर जमा (Submit) करने पर अभ्यर्थियों का उनका **Application ID** व पासवर्ड मिलेगा। यदि अभ्यर्थी ने फार्म पर इपना ई मेल व मोबाइल नं० अंकित किया है तो उसे ई मेल और मोबाइल पर पंजीकरण सूचना प्रदान होगी। अभ्यर्थियों को अपना **Application ID** व पासवर्ड सुरक्षित रखना होगा जिसके द्वारा वेबसाइट पर पुनः लॉग-इन **(Log-in)** कर अपने फार्म का अवलोकन करने, प्रवेश पत्र प्राप्त करने व अन्य कार्यों के लिए उपयोग कर सकते हैं। अभ्यर्थी द्वारा ऑनलाइन आवेदन करने के पश्चात् यदि अपने आवेदन प्रपत्र में कोई त्रुटि पाता है तो वह आवेदन करने की तिथि से तीन दिन या आवेदन की अन्तिम तिथि से तीन या आवेदन की अन्तिम तिथि जो पहले हो, तक वेबसाइट पर अपना **Application ID** व पासवर्ड अंकित कर त्रुटि को दूर कर सकता है। ऑनलाइन आवेदन करने की तिथि से तीन दिन या आवेदन की अन्तिम तिथि के पश्चात् आवेदन पर किसी भी प्रकार का संशोधन संभव नहीं होगा और अभ्यर्थी अपने आवेदन पर दी गयी सूचनाओं के लिए जिम्मेदार होगा।

6.0 **हेल्प डेस्क (टेलिफोन तथा ई मेल) :** अभ्यर्थियों की सुविधा हेतु हेल्प डेस्क की सुविधा उपलब्ध है जिसके टेलिफोन नम्बर वेब साइट पर अंकित हैं।

SYLLABUS for PGAT - 2012

COURSE NAMES
M.A.
M.Sc.
M.A. & M.Sc. both
M.Com.

COURSES / SPECIAL SUBJECTS
M.Sc. in Bio- Chemisty
M.Sc. in Agricultural Science (Botany/
Chemistry & Soil Science/Zoology &
Entomology)
M.A. Mass Communication

New Courses
M.F.A. (Master in Fine Arts)
M.Sc. in Cognitive Science
M.A. in Theatre & Film
Master in Development Studies
M.Sc. in Material Science
Integrated M.Tech. in Earth System Sciences
M.Sc. in Bioinformatics
M.Sc. Environmental Science
M.Sc. in Textile and Apparel Designing

M.A. (Master of Arts)

ANCIENT HISTORY

The syllabus will include the following Four Units.

(a) Political History of India : Including History of South India from 600 B.C. 1200 A.D.

(b) Indian culture : Indus and Vedic, Varanasram, caste, sanskaras, position of women marriage, ancient Indian religions, guilds, social change and impact of Islam. Bhakti Movement, Social and religious reforms of 19th century: (a) Brahma Samaja (b) Arya Samaja (c) Ram Krishna Mission.

(c) Art and Archaeology : Basic features of Indian Art; Indus Art, Mauryan and Gupta Art Temple architecture of Khajuraho, Orissa and Pallavas. Definition of archaeology and its relation with natural sciences, Paleolithic, Mesolithic. Neolithic. Indus valley civilization Iron age, Taxila. Hastinapur, Kausambi, Arikamedu and Nevasa.

(d) Ancient Civilizations : Indus (Harappan). Greece, Rome and China.

ECONOMICS
Department of Special Assistance
Part-A

ECONOMIC THEORY:

1. Consumers' Behavior: Theory of Consumers' Behavior, Consumers' Equilibrium, Indifference Curve, Analysis of price Effect, Income Effect and Substitution Effect.

2. Theory of Production: Production Function - An Elementary treatment, Laws of Returns, Returns to Scale, Cost Analysis, Substitution in Production. Producer's equilibrium, Elasticity of Substitution.

3. Price Theory: Nature of Market, Revenue Analysis, Price Determination under Perfect Competition. Monopoly, Discriminating Monopoly and Monopolistic Competition Elementary Theory of Oligopoly.

4. Factor Pricing: Marginal Productivity Theory of Distribution.

MACRO ECONOMICS:

1. National Income, its measurement and limitations, nature of National Income accounts in closed and open economies, Uses of National Income Analysis.

2. Theory of Employment: Say's Law of market, classical theory of employment, Keynesian critique of classical theory, Simple Keynesion theory of employment and income determination. Theory of employment and income determination, investment function, keynesion consumption function, concept of investment multiplier.

DEVELOPMENT AND PLANNING:

1. Development: Meaning, Measurement and Indication of Development.

2. Selected Theoretical prescription of development: Rostow's stages of growth, big push, critical minimum effort, balanced and un-balanced approach.

MONEY BANKING AND PUBLIC FINANCE:

1. The quantity theory of money: Fisher's and Cambridge approaches, Keyne's fundamental equations. An elementary treatment of the saving and investment approach.

2. Concepts and components of .money supply, Inflation and theories of inflation.

3. Taxation: Type of Taxes & Theory of Taxation.

ECONOMIC ANALYSIS:

1. (i) The criticism of Marginalist approach to the theory of the Firm.
 (ii) Alternative theories of Firm Equilibrium.
 (iii) The theory of Oligopoly, Nature of Duopoly Problem, Cournot Solution, Nature of Oligopoly -collusive and Non-collusive oligopoly, Cartects, Price Leadership, Oligopoly model. The Kinked demand curve.
 (iv) Welfare Economics, The criteria of social welfare,

Pareto Optimality, Kaldor-Hicks compensation principle.

2. (i) Limitations of the Keynesian consumption function and alternative specifications (Duesenbergy, Friedman - An elementary analysis).

   (ii) The Hicks Hansen Elaboration of IS-LM-An elementary analysis.

   (iii) Theory of investment- Multiplier- accelerator interaction. Hicks and Samuelson's Theory of Trade Cycle: (Non Mathematical Treatment).

   (iv) The Harrod Problem: Nature of Steady state solution in Neo-classical growth model.

INTERNATIONAL ECONOMICS

1. Theories of International Trade, Adam Smith, Ricardo, J.S. Mill's Theory of Reciprocal Demand.
2. Terms of Trade: Kinds of terms of trade.
3. Exchange Rate:
   (a) Purchasing power parity theory;
   (b) Balance of payment theory;
   (c) Fixed and Flexible exchange rate.
4. Free 'Trade and Protective Trade'
5. Instruments of Protection:
   (a) Tariff.
   (b) Quota.
   (c) Devaluation.

Part-B

INDIAN ECONOMY

1. Planning: Objectives of Planning, Planning for a mixed economy. Review of Planning of India:
   (i) General Strategies, objectives and performance of recent plans.
   (ii) Analysis and performance of recent plans.
2. The Agricultural Sector: Salient features of Indian agriculture and changing structure; changes in production and productivity.
3. Nature and symptoms of under-development, main features of Indian economy.
4. The Industrial Sector: Industrialization and the objectives of industrial development in India since independence.
5. The Reserve Bank of India;-Control of Commercial Banks and Control of Credit. Indian Public Finance, Budgetary Operations of the Central Government.

INDIA S ECONOMIC POLICY

1. Strategies towards removal of un-employment and under employment: A general overview Policy.
2. Industrial Policy in India: Role and objectives of Industrial Policy, Private and Sector Regulation of Industry; MRTP and concentration of economic power and changes in Indian Industrial Policy (June 1991). Private Foreign investment in Indian Industries and its Regulation. Multinational corporations and industrial growth, Policy for small-scale industries.
3. Agricultural Policy : Agricultural Policy in Agrarian structure and economic policy, community development project and Panchayati Raj - Genesis and evaluation of the new Agricultural Strategy, Policies for removal for agricultural imbalances. Policies armed at Rural Poverty and un-employment (IRDPEAS), Jawahar Rozgar Yojana, Agricultural price Policy, Agricultural Taxation Food Policy and the Public Distribution System.
4. Commercial Policy : Measures for maintaining balance of payments. Trade Policy, Import Policy and Export Policy. Exchange Rate Policy and Devaluation.

STATISTICS

1. Nature of Statistics : Collection and representation of data. Bar Diagram, Diagram, Cumulative Frequency Curve and Lorenz Curve.
2. Measures of Central Tendency : Arithmetic Mean, Median and Mode. Geometric and Harmonic average.
3. Measures of Dispersion: Range, Mean Deviation and Standard deviation, Simple measures of skewness.
4. Nature and use of Index Numbers.

EDUCATION

1. Meaning and Aims of Education, Agencies of Education. Nature, types and principles of Curriculum, Nature and types of educational planning, Effects of social change, social mobility and social stratification on education:
2. Study of naturalism, idealism, pragmatism and realism

   with reference to aims, curriculum, methods of teaching and discipline. Educational ideas of Plato, Rousseau, Dewey, Bertrand Russell, Mahatma Gandhi, Rabindra Nath Tagore, Swami Vivekanand, Sir Syed Ahmed Khan and Madan Mohan Malviya.
3. Nature and methods of Educational Psychology, Growth and Development of the child, Nature and Measurement of Intelligence and Personality. Nature and Theories of Learning, Creativity and educational provisions for fostering creativity.
4. Measurement and Evaluation, Essay and objective type tests, characteristics of good test (Reliability, Validity Procedure for constructing Achievement test, Measures of Central Tendencies (Mean, Median), Q.D., S.D., N.PC, Rank Difference Correlation.
5. Problems of Primary, Secondary and Higher Education in India, Educational Technology, Distance Education population education. Environmental education and Value Education.

ENGLISH

Note : Candidates can attempt either English Literature or English Language question paper.

ENGLISH LITERATURE SYLLABUS

Part -1 Short answer questions:

This part will consist of two passages for critical appreciation a prose and a poetry passage. The prose passage will be taken from the novels prescribed in B.A. Part III or the essays prescribed in B.A. part I and B.A. part II. The poetry passage can be taken from any of the poems prescribed in B.A. Part I and B.A. part III.

Part II: Medium answer questions :

This part will consist of two units of three topics each. The first unit will comprise of topics on the history of English Literature, while the second of topics on literary terms. Candidates will have to write two essays of about 150 words each, selecting one topic from each unit.

B.A. Part III: English Literature

Paper I, Fiction:

The following novels are prescribed:

1. Jane Austen: *Pride and Prejudice*
2. Charles Dickens: David Copperfield
3. E.M. Forster: A Passage to India
4. Raja Rao: *Kanthapura* **Paper II, Drama:**

The following plays are prescribed:

1. Eugene O' Neill: *Desire Under the Elms*
2. T.S. Eliot: *The Family Reunion*
3. Harold Printer: *The Birthday Party*
4. Girish Karnad: *Hayavadan*

Paper III, Forms and Movements :

Unit I   Forms of Drama, Kinds of Tragedy-Greek. Shakespearean, Heroic, Modern; Kinds of Comedy-Classical, Shakespearean, Comedy of Manners, Sentimental and Anti-sentimental Comedy, Other forms-Problem Play, Theater of the Absurd.

Unit II   Forms of the Novel, Picaresque Novel, Gothic Novel. Domestic Novel, Historical Novel, Realistic Novel, Regional Novel and Physiological Novel.

Unit III   Poetic Forms: Ode, Epic, Mock-epic, Ballad, Dramatic Monologue, Lyric, Heroic Couplet, Blank Verse and Free Verse.

Unit IV   Major Movements in English Literature, Renaissance, Neo-classicism, Romantic Revival, Modernist Movement.

Unit V   Candidates will be required to attempt practical criticism of a prose or a poetry passage.

B.A. Part II : English Literature

Paper I, Poetry:

The following poets are prescribed:

1. Alfred Tennyson: (a) Break, Break, Break, (b) Ulysses
2. Robert Browning: (a) My Last Duchess (b) Prospice
3. Matthew Arnold: (a) Dover Beach (b) Shakespeare
4. Thomas Hardy: (a) The Darkling Thrush (b) Afterwards
5. G.M. Hopkins: (a) Pied Beauty (b)Thou Art Indeed Just Lord
6. W.B. Yeats: (a) The Lake Isle of Innisfree (b) The Second Coming
7. T.S. Eliot: The Love Song of J. Alfred Prufrock
8. W.H. Auden: The Unknown Citizen
9. Philip Larkin: Church Going
10. Wilfred Owen: Dulce Et Decorum Est.

Paper II, Drama:

The following plays are prescribed:

1. Shakespeare, Macbeth for detailed study.
2. Shakespeare, *The Merchant of Venice* for non detailed study.

Paper III, Prose and Fiction:

The following Prose selections are prescribed:

1. E. V. Lucas: Tight Corners'
2. A.G. Gardner: In Defence of Ignorance'
3. Robert Lynd: 'Student'
4. G.K. Chesterton: 'On the Pleasure of no longer Being Very Young'
5. George Orweli: 'Reflections of Gandhi'
6. Aldous Huxley: 'Pleasure'
7. J.B. Priestley: 'On Doing Nothing'
8. Bertrand Russel: 'The Road to Happiness'
9. Richard Wright: 'Twelve Million Black Voices'
10. A. C. Benson: 'The Art of the Essayist'

The Following novel is prescribed for non-detailed study

Thomas Hardy: Far From the *Madding Crowd.*

B.A. Part 1: English Literature

Paper I, Poetry:

1. William Shakespeare: (a) 'Since Brass nor Stone, Nor Earth nor Boundless Sea' (Sonnet 65). (b) Let me not to the marriage of true minds (Sonnet 116)
2. John Dnne; 'A Valediction; forbinding Mouring'
3. John Milton: (a) 'On His Blindness' (b) Paradise Last, Book 1, Lines lto 16.
4. John Drydem 'Absalam and Achitophel', Lines 150 - 197 (Achitophel)
5. Alexander Pope: (a) From Essay on Man', Lines 1 to 18 (b) 'Epistle to Arbuthnot' (Portrait of Atticus) Lines 193 to 214
6. William Collins: 'Ode to Evening'.
7. William Blake: (a)TheLamb'(b)'TheTiger'
8. William Wordswarth: (a) 'Three Yeats She Grew' (b) 'Tintern Abbey'
9. RB. Shelly: (a) 'Ode to the West Wind' (b) 'To a Skylark'
10. John Keats: (a) 'La Belle Dame Sans Merci' (b) Ode to a Nightingale'

Part II, Drama:

Play prescribed for detailed study: George Bernared Shaw, Arms and the Man.

Play prescribed for non-detailed study: Arthur Miller, All My Sons.

Paper III, Prose and Fiction:

The following essays from English Prose Selections, edited by the Department of English Studies. University of Allahabad, Published by Macmillan, are prescribed for detailed study.

1. Francis Bacon (1561-1626): (a) 'Of Revenge', (b) Of Studies'.
2. SamuelPepys (1633-17): (a) London Fire'.
3. Jonathan Swift (1667-1745): (a) 'Meditation on a Broomstick'.
4. Richard Steele: (1672-1729): (a) 'The Spectator Club'.
5. Joseph Addison (1672-1719) : (a) 'Adventurs of a Shilling', (b)'Will Wimble'.
6. Samuel Johnson (1709-1784) : (a) Letter to Chesterfield'.
7. Oliver Goldsmith (1730-1774) : (a) 'Man in Black', (b) 'BeauTibbs'.
8. Charles Lamb (1775-1834): (a) 'The Convalescent', (b) 'Dream Children'.
9. Thomas De Quincey (1785-1856) : (a) 'Wordsworth

Household'.
10. Charles Darwin (1809-1882): (a)'The Tortoise'.
Novel Prescribed for non detailed study R.K. Narayan: The Guide

ENGLISH LANGUAGE SYLLABUS

B.A. Part-I   **Paper-I**
1. **English Through Reading. Vol. 1** : Bhaskar & Prabhu (Macmillan) excluding the following lessons.
   'Big Numbers and Infinities' by George Gamow;
   'A Robot about the House' by W.M. Thring;
   'Making Surgery Safe' by Horace Shipp;
   'The Karburator' by Karel Capek
2. **Language Through Literature, Vol. II: C.I.E.F.L.** (O.U.P) excluding the following lesions:
   'Old Man at the Bridge' by Ernest Hemingway;
   A Visit to the Andamans' by Suresh Vaidya;
   'Ronald Ross' by S.C Crowther;
   'A Scramble among the Togins' by Verrier Elwin;
   Among the Head-Hunters' by Richard Haliburton;
   'Acres per Head. Heads per Acre' by Eric Duffey;
   Text prescribed for non-detailed study:
(A) Mulk Raj Anand, Untouchable,
(B) The following short stories are prescribed:
   1. Oscar Wilde: 'The Nightingale and the Rose'
   2. John Galsworthy: 'Quality;
   3. Katherine Mansfield: The Fly'
   4. W.S.Maugham: 'The Luncheon'
   5. James Joyce:'Araby'
   6. OIHenry:'The Last Leaf

Book prescribed - **An Anthology of Short Stories** edited by the Department of English and MEL University of Allahabad : (Oxford University Press)

Paper - II
1. Comprehension of two unseen passages of the level of. A **Remedial Course in English for Colleges, Book III,** B.K. Das and A. David (O.U.P),
2. Two Composition exercise based on Units 1 to 4 of **Writing with a Purpose,** Champa Tickoo & Jaya Sasikumar (O.U.P).
3. Translation of a passage from Hindi to English or comprehension.
1. Exercises based on:
(i) **Living English Structure:** WS. Allen (Orient Longman) &
(ii) **A Practical English Grammar**: A. J. Thomson & A. V. Martinet (O.U.P, E.L.B.S.) (Exercises Book, I)

B.A. Part-II   **Paper-I**
Books prescribed for detailed study:
1. Bertrand Russel, Unpopular Essays (Unwin Books) Chapters, II, III, VI, VII, IX, X are prescribed.
2. Bhaskar & Prabhu, English Through Reading Vol. II, (Macmillan)
Books prescribed for non-detailed study:
1. Ernest Hemingway, The old man and the sea; (Penguin).
2. R.K. Narayan, The Dark Room (Indian Thought Publishers).
    (i) Explanations with reference to the context.
    (ii) Compositions based on the texts.

(iii) Provision of capitals and punctuation marks in a passage without any (of about 100 words) from either of the text prescribed for detailed study.

Paper-II
Books prescribed:
1. Wrenn, The English Language (Vikas)
2. Champa Tickoo & Jaya Sasikumar: Writing with Purpose (C.U.R)
3. W.T Thomson & A.V Martinet: A Practical English Grammar: Combined Exercises Vol I, II (O.U.B./S.L.B.S.)

B.A. Part-III   **Paper-I**
Essay and Precis
What is an essay? Different kinds of essays (descriptive, narrative, reflective and argumentative). How to write and essay (its parts their relationship-words, grammar; thoughts and organization).

Paper-II
Writing Skills
Different forms of writing; letter; feature, report, review paraphrase, dialogue and short story. Their main characteristics and specialties.

Paper-III
Language, Through Literature
An understanding and appreciation of different types of prose from the selections:
   (i) An English Miscellany: Tongue & Shiv Kumar, O.U.P
   (ii) Forms of English Prose : English Dept. Lucknow University O.U.P
Types of English language, with stress on the contemporary - Criticism and review of different types of prose. The following essays from Forms of English Prose. Are prescribed:
1. Francis Bacon : 'Of Studies', Richard Stede : 'The Spectator Club', Charles Lamb: 'Dream Children', A Gardiner : 'On the Rule of the Road', Robert Lynd : 'One's Habits'.
2. The entire Prose section from An English Miscellany is prescribed except for M.E. Ottey, The Engagement and C.E.M. Joad's A Dialogue on Civilization'.

HINDI

हिन्दी साहित्य का इतिहास :
1. काल विभाजन, नामकरण
2. आदिकाल, भक्तिकाल, रीतिकाल और आधुनिक काल की प्रवृत्तियाँ रचनाकार और रचनाएं।
3. विविध काव्य और कहानी आन्दोलनों छायावाद, प्रगतिवाद, प्रयोगवाद, नयी कविता, नयी कहानी, समकालीन कहानी, दलित साहित्य का परिचय।

3. उपन्यास, कहानी, निबन्ध, आलोचना, नाटक, जीवनी, संस्मरण, और आत्मकथा विधाओं का संक्षिप्त ऐतिहासिक परिचय।
5. साहित्यिक पत्र पत्रिकाओं की जानकारी, जैसे 'इन्दु', 'हरिश्चन्द्र चन्द्रिका', 'कविवचनसुधा', 'सरस्वती', 'हंस', 'कहानी', 'नयी कहानी', 'नयी कविता', 'निष्कर्ष', 'कल्पना' आदि।

भाषा विज्ञान :

1. पश्चिमी तथा पूर्वी हिन्दी की बोलियाँ, विशेषताएँ तथा अन्तर।
2. हिन्दी का शब्द भण्डार।
3. देवनागरी लिपि का इतिहास तथा उसके गुण-दोष।
4. हिन्दी के कृदन्त और प्रत्यय।

भारतीय काव्यशास्त्र :
1. काव्य की परिभाषा और स्वरूप।
2. रस के प्रकार और स्थायी भाव।
3. अलंकार परिभाषा और उदाहरण (यमक, श्लेष, उपमा, रूपक, उत्प्रेक्षा, विभावना, भ्रान्तिमान, विरोधाभास।)
4. छंद परिभाषा और उदाहरण (चौपाई, दोहा, सोरठा, बसंत तिलका, ध नाक्षरी, सवैया)।

पाश्चात्य काव्य शास्त्र :
1. अरस्तू का अनुकरण सिद्धान्त।
2. कोचे का अभिव्यंजनावाद।

काव्यभाषा :
1. काव्यभाषा तथा सामान्य भाषा का अन्तर।
2. बिम्ब और प्रतीक, परिभाषा तथा अन्तर।

आलोचना और साहित्य चिन्तन की नई दिशाएँ :
1. रामचन्द्र शुक्ल, हजारी प्रसाद द्विवेदी और राम विलास शर्मा के प्रमुख आलोचना सिद्धान्त।
2. साहित्य के समाज शास्त्रीय सिद्धान्त, इतिहास, उपयोगिता और प्रयोग।

MEDIEVAL AND MODERN HISTORY
SECTION A : HISTORY OF THE MODERN WORLD (1453-1945): A survey of the Political, Social Economic and Cultural history of the Modern World.
SECTION B: HISTORY OF MEDIEVAL INDIA (1206-1740) : A survey of the Political, Social, Economic, Administrative and Cultural History of the Medieval India.
SECTION C: HISTORY OF THE MODERN INDIA (1740-1950): A survey of the Political, Social, Economic, Constitutional and Cultural History of the Medieval India.

M.A. MUSIC / M. MUS.
A. Unit-I (Common for all)
History, Science of Music and Notation System
1. Vibration and frequency, pitch and its relation with vibrator, Amplitude, (Swaymbhu Swar); Consonance and Dissonance, Main Types of chords, Absorption, Echo, Reverberation and Resonance of sound, placement of Sudha and Vikrit Swars on different shruties according to Lochan, Ahobal, Pundarik, Ramamatya, Somnath.
2. Notation system of Bhatkhande and Vishnudigambar, various types of intervals of notes. Different Musical scales, comparative study of scales of Bhatkhande and Western Music, placement of notes on 'Veena according to Pt. Srinivas, comparative study of Northern Southern Taalpadddhaties.
3. Biographies of, Bhatkhande, Vishnudigambar, Tansen, Ustad Vilayat Khan, Ameer Khusroo, Pt. Ravi Shankar, Pt. Ram Sahai, Ahmad Jan Thirakwa, Nana Sahib Pansse.
4. History of Music and classification of Ragas and Talis,

History of Music of Ancient period up to 13th century. Short History of Music of Medieval and Modern periods. Comparison of the Hindustani and Karnataka Music system. Gram, Moorchana its kind and their impotance. Kind of Gamaka.

B. Unit II (For Vocal)
1. Detailed study of the following Ragas:
2. Puriya, Marwa, Jai-Jaiwanti, Suddha, Kalyan, Deshkar, Kamod, Chayanat, Todi, Multani, Miyan-Malhar, Gound Malhar, Adana, Darbari Kanhada, Basant, Paraj, Puriya Dhanashri, Shri, Hindol, Suddha Sarang, Madhuwanti.
3. Taal.
   Rupak, Teevra, Dadra, Kaharwa, Trital, Jhaptal, Ektal, Dhamar, Ada Chartal, Pancham Sawari, Gaj Jhampa, Chartala, Sooltal, Deepchandi, Jhoompa, Tilwada.
4. Writing in notation the compositions and Taans. Upaj (only in medium answer group).
5. Detailed introduction of all the Ragas and Taalas mentioned above.
6. Comparative study of the samprakit Ragas and Taalas.
7. Study of Alpatva and Bahutva, Tirobhav and their use and importance.
8. Laya and Layakari - Different types of Layakaries, Dugun, Tigun, Chougun and Ada.
9. Different styles of Gayaki - Dhruvapad, Dhamar, Tappa, Thumri and Chaiti.
10. Brief study of different Gharanas of Vocal Music.
11. Life sketch and contribution of Eminent Musicians and Vocalist.

C. Unit - III (For Instrumental Sitar)
1. Detailed study of the following Ragas: Puriya, Marva, Jai-Jaiwanti, Suddha Kalyan, Deshkar. Kamod, Chayanat, Todi, Multani, Miyan-Malhar, Gound Malhar, Adana, Darbari Kanhada, Basant, Paraj, Puriya Dhanashri, Shri, Hindil, Suddha Sarang, Madhuwanti,
2. Taalas:
   Rupak, Teevra, Dadra, Kaharwa, Tlital, Jhaptal, Ektal, Dhamar, Ada Chartal, Pancham Sawari, Gaj Jhampa, Chartala, Sooltal, Deepchandi. Jhoompa, Tilwada.
3. Writing in notation the compositions and Taans. Upaj (only in medium answer group).
4. Detailed introduction of all the Ragas and Taalas mentioned above.
5. Comparative study of the samprakrit Ragas and Taalas.
6. Study of Alpatva and Bahutva, Tirobhav and their use and importance.
7. Laya and Layakari - Different types of Layakaries, Dugun, Tigun, Chougun and Ada.
8. Different styles and Baj-Maseetkhani, Firozkhani etc,
9. Brief study of different Gharanas of instrumental Music.
10. Life sketch and contribution of Eminent Musicians

and Instrumentalists.

D. **Unit - III (For Instrumental Tabla)**
1. Detailed study of the following Taalas : Trital, Jhaptal, Rupak, Teevra, Sooltal, Ektal, Chartal Basant, Pancham Sawari, Gaj Jhampa, Dhamar, Laxmi, Rudra, Shikhar, Brahma, Kumbha, Ganesh, Matt, Dadra and Kaharwa.
2. Study of Notation and writing in Notation (only in short and medium answer group).
3. Kayada, Palta. Peshkar, Reia, Laggi-Ladi', Paran difierent types of Chakkardar Tihai and Paran, Tripalli, Choupalli, Nauhakka, Jhoolna ke Bol' Gat-Farad.
4. Ten Varnas of Tabla.
5. Study of Sam Matrik and Samprakrit Taalas.
6. Different Gharanas of Tabla playing with their style and Baj.
7. Life sketch and contribution of Eminent Musicians and Musicologist.
8. Laya-Layakari-Chand, different kinds of Layakaries, Dugun, Tigun, Chougun, Ada, Kuada, Biyad etc.
9. Life sketch and style of playing leading Tabla Artists.

PAINTING

Centres of Indian Pre-historic Paintings, viz., Mirzapur in U.P. Singhanpur in Raigarh District, Pachmarhi, Hosangabad, Bhim Bedaka, in M.R The art of Ajanta, Bagh, Sigiriya, Sittanvasal cave paintings.

Place and importance of Fundamentals of Indian Art, Shadang in Indian Painting.

Elements of Art (line, form, volume, texture, colour, light & shade) Principles of composition space division, Balance harmony, Rhythm, proportion, dominance, unity, contrast.

Indian miniature painting, such as jain, Rajasthani, Pahari, Mughal. The meaning of Art and its classification. Basic concept of Eastern & Western Aesthetics, Rasa and its kind, Art & Religion. Art and Society, Art and Tradition, Art and Expression. Art and Industry.

Renaissance in Italy and their important painters such as Masacmio. (Pooluocello) Sendro Botticeili, Ghirlando. Michallangi. Leonardo da Vinici and Raphel.

Manerism and Baroque painters and their paintings. Important Modern Movements in west such as -Impressionism. Post-impressionism, Cubism, Expressionism. Surrealism etc.

Important contemporary movements such as-Action paintings, Orphism, Abshact expressionism.

Important modern and contemporary Indian movements such as- Bengal School. Progressive artist movements, Tantra Art, Symbolic Art and Samikshabad, Important artists such as Rabindra Nath Tagore. Gaganentra Nath Tagore. M.F Hussain. K K. Hebbar. R.C. Shukla etc.

PHILOSOPHY

1. **Ethics** - Moral judgment, psychological and ethical hedonism, utilitarianism, kantian ethics, perfectionism and Ethics of Bhagwat Geeta.

2. **Indian Philosophy** - Jainism, Budhism, Samkhya, Nyaya (Pratyaksha and Anuman), Vedanta (Shankar and Ramanuj).

3. **Western Philosophy** - Rationalism (Descartes, Spinoza, Leibnitz), Empiricism (Locke. Barkeley, Hume), Criticism (Kant).

4. **Logic** - Truth and validity, Deductive and Inductive argument, Fallacies, Categorical syllogism, Venn diagram, Symbolic Logic (Conjunction. Disjunction, Nagation, Material implication, Material equivalence), Argument & argument form, Statement & statement form, Truth Table Technique of testing the validity of arguments, Nineteen rules, Mill's methods.

5. **Theory of Knowledge** - Epistemology & its relation to Psychology and Metaphysics, Knowledge and belief, sources and types of knowledge, Theones of truth. Mind and its relation to object, problem of induction, personal identity & Knowledge of other minds. Nature of universals.

6. **Philosophy of Religion** - Theology & Philosophy of Religion, Foundations of Religious belief, Deism.Theism & Pantheism, Proofs for the existence of God. Immorality of soul & Paths of Moksha Problem of Evil, Secularism, Religious conversion Religious tolerance & Sarva Dharma Sama Bhava

7. **Socio-Political Philosophy** - Social Philosophy & its relation to Sociology, Ethics & Social Psychology. Social Institutions (Family, Society & State) Theories of Origin of State & Society, Theories of Punishment; Political Ideologies (Democracy. Socialism, Communism. Fascism & Sarvodaya) Rights & Duties, Justice & Political Obligation. Methods ot Social Change. Tradition Change & Modernity

POLITICAL SCIENCE

1. **Political Theory** - Approaches, state, origin of state, Sovereignty, Pluralism, Liberty, Equality, Justice, Law, Right, Liberalism, Individualism, Fascism, Marxism, Democratic Socialism.

2. **Indian Government and Politics** - National movement, Making of Indian Constitution, Indian Constitution: Preamble, Features, Amendments, Fundamentals Rights & Duties, Directive Principles of state policy, Union Government : Legislature, Executive and Judiciary, working of Indian Constitution: Parties, Communalism, caste & Regionalism.

3. Western Political Thought from Plato to Marx.

4. **Comparative Government and Politics -** Constitution and Constitutionalism, Legislature, Executive, Judiciary, Parliamentary and Presidential, Unitary and Federal, Democracy and Dictatorship Political Parties, Pressure Group, Public Opinion.

5. **Indian Political Thinkers** : - Manu, Kautilya, Raja Ram Mohan Roy, Swami Vivekananda, Dayanand Saraswati, Bal Gangadhar Tilak, Aurobindo Ghose, J.L. Nehru, Gandhi, Jai Prakash Narain, M.N. Roy, B.R.Ambedkar.

6. **International Relations** - Approaches to the study of International Relations , Cold War and its impact , Present world order, international security environment Non- alignment, Globalizations, SAARC, India's foreign policy and relations, collective security Disarmament and Arms Control, Terrorism.

7. **Indian Administration** - Secretariat, Ministers and Departments, Civil Services in India, Centre state Relations, Planning in India , Public Understanding, Budget and Audit, Role of Collector, Local self - Government , Welfare administration, Lokpal and Lokayukta, Integrity in administrations.

SANSKRIT

Group- A:
(i) AbhijnanShakuntalam-uptoVAct
(ii) Poorva Megh - upto 30 slokas
(iii) Kiratarjuniyam-Prathamah sargah
(iv) Sanskrit Gadyalok
(v) Following Suktas of Rigveda:
   (a) Vishvedeva Siktam
   (b) Vishnu Suktam
   (c) IndraSuktam,
   (d) Prajapati Suktam
   (e) Purush Suktam
   (f) Vak Suktam

   (g) Shivsankalpa Suktam (From Shukla Yajurved)
(vi) Sangya & Sandhi prakaranas of Laghu Siddhanta kaumudi
(vii) Niti Shatak - upto 30 Slokas

Group B:
(i) Sahitya Darpan (First & Second Parichcheda Only)
(ii) Uttar Ram Charitam - upto NIrd Act
(iii) TarkSangraha
(iv) Sri Mad Bhagawad Geeta (Second. Third & Ninth Chapters Only)
(v) Karak Prakaran of Madhya Siddhant Kaumudi (Practical Knowledge Only)

Sociology

No. of Seats : 34

Eligibility : A student seeking admission to M.A. Sociology must have obtained a Bachelor's degree from an accredited institution/University. Only those candidates who have obtained their B.A. degree with Sociology/Anthropology as one of the subjects in the third year will be eligible for admission to M.A. Degree in Sociology.

Syllabus for Admission Test

Basic Concepts : Society, Community, Culture, Civilization; Socialization, Social Structure and function; Institutions and Association; Social groups and its types; Customs, Norms, values, sanctions and laws; status, Roles and their types.

Institutions : Institutions of **Kinship** (Descent and kinship; Lineage, Gotra, phratry, moiety); **Family** (its types); **Marriage** (its forms) and their regional variations in India; **Economy :** Urban, Rural and Tribal economies (Concept of Property, Division of Labour, Primitive Communism, Jajmani relations; Economic & ceremonial Exchange among tribes); **Religion :** Totemic, Animism, Shamanism, priesthood; Magic, Religion and Science; Polity interaction between caste, religion & polity; Caste Panchayats.

Socio-cultural processes: Cultural lag, Assimilation, Acculturation, Cooperation, Competition, Conflict; Universalization and Parochialization, Sanskritization, Westernization, Modernization, Secularization, Nation-building and Ethnic identities.

Social Change : Meaning and its types – Progress, Development, Growth, Evolution and Revolution; Factors of social change – Demographic, Biological, Economic, technological and cultural.

Inequality, change and movement : Meaning of Stratification – its forms and theories (Functional and Conflict); Social mobility and its types; Meaning and Theories of Caste; Caste as a system; Dominant caste; Meaning of social movement and its types – Socio – religious, Tribal and Peasant movements.

Basic ideas of Pioneer thinkers : Comte (positivism), Spencer (social Darwinism), Durkheim (Social fact, solidarity, Religion, Suicide), Weber (social action, authority, ideal type, protestant ethics and the spirit of capitalism), Marx (Materialistic conception of history, Class struggle, alienation), Pareto (Circulation of elites); Theories of socialization – Mead and Freud.

Emergence of Sociology and its relationship with other social sciences – Psychology, Political Science, Economics, Education, Anthropology.

Social Research : Positivism and empiricism in sociology, Methods (historical, comparative, functional and dialectical), Types of research and Research designs (Exploratory, Descriptive and Experimental), Steps in social research; Sampling and its types; **Methods & Techniques :** ethnography, observation, case study, content analysis, Survey, questionnaire, schedule and interview; **Data analysis :** Measures of central tendency Chi-square.

Indian social milieu : Varna asharama system, Purushartha, Jati and Varna; Meaning of villages, towns and vities; Schedule tribes, Schedules Castes, OBCs, Women and Minorities, Racial and Physical distribution of Tribes in India; Tribe-caste continuum; rural-urban continuum; Unity in diversity; language, caste; religion, cultural patterns; Inequality of caste and gender, disharmony – religious, ethnic and regional, OBC, SCs and STs.

Social Problems : Child labour, poverty, unemployment, Dowry, domestic violence, intra and intergenerational relations; Crime and delinquency, white collar crime, corruption, suicide; Communalism, Casteism, Regionalism, Terrorism; Development induced displacement, environmental problems.

URDU

حصہ اول : تاریخ ادب اردو اور تنقید

دائرہ مطالعہ :

(الف) تاریخ ادب اردو

(۱) اردو زبان کی ابتدائی نشوونما کا خاکہ

(۲) دہلی اور لکھنؤ کے دبستان شاعری

(۳) علی گڑھ تحریک

(۴) ترقی پسند تحریک

(۵) جدیدیت کا رجحان

(ب) تنقید

(۶) تنقید کی تعریف اور مشرقی و مغربی تنقید کے بنیادی اصول

(۷) اردو تنقید کے عہد بہ عہد کے ارتقاء کا خاکہ

(۸) مقدمہ شعر و شاعری کی اردو تنقید میں اہمیت

(۹) حالی کے تنقیدی نظریات کا تعارف

(۱۰) شبلی کے تنقیدی نظریات کا تعارف

(۱۱) انیس و دبیر کی مرثئی کی روشنی میں فصاحت و بلاغت کی تفہیم و تعبیر

(۱۲) ہماری شاعری کی تنقیدی اہمیت اور سید مسعود حسین رضوی کی بحیثیت ناقد تعارف

(۱۳) سید احتشام حسین کے تنقیدی نظریات کا مطالعہ

(۱۴) درج نصاب متن کے اقتباسات کی تشریح و توضیح

درسی کتب :

(۱) مقدمہ شعری و شاعری از خواجہ الطاف حسین حالی

(ابتدا سے زبان کو درستی سے استعمال کرنا تک شامل نصاب ہے لیکن اعشا، رود کی، عمر خیام، فردوسی، گولڈ اسمتھ، سر والٹرا سکاٹ سے متعلق بیانات خارج از نصاب ہیں۔)

(۲) موازنہ انیس و دبیر از علامہ شبلی نعمانی

(حسب ذیل ابواب نصاب میں شامل ہیں۔ فصاحت، بلاغت اور موازنہ)

(۳) ہماری شاعری از سید مسعود حسین رضوی ادیب

(صرف حصہ اول 'معیار' شامل نصاب ہے۔)

(۴) شہ پارے (نثر) مطبوعہ ادارہ نشر و اشاعت، شعبۂ اردو، آلہ آباد یونیورسٹی سے مندرجہ ذیل مضامین:

(الف) زبان اور تہذیب   سید احتشام حسین

(ب) تریل کی ناکامی کا الیہ   شمس الرحمٰن فاروقی

حصہ دوم : شاعری

الف (نظم)

دائرہ مطالعہ

(۱) نظم نگاری کی تعریف اور اردو میں اس کے عہد بہ عہد ارتقاء کا اجمالی خاکہ۔

(۲) درج نصاب شعراء کے تخلیقی محرکات و عوامل سے باخبر کرانا۔

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(۳)   درج نصاب نظموں کا فنی مطالعہ

(۴)   درج نصاب نظموں کے اقتباسات کی تشریح و توضیح

درسی کتب:

شہ پارے (نظم) مطبوعہ ادارہ نشر و اشاعت، شعبۂ اردو، الہ آباد یونیورسٹی سے مندرجہ ذیل نظمیں۔

(۱)   نظیر اکبر آبادی   مفلسی، آدمی نامہ، بالپن، بانسی بجیا

(۲)   حالی   مدوجزر اسلام (انتخاب)

(۳)   اکبر الہ آبادی   گاندھی نامہ، برق کلیسا، فروِیات

(۴)   اقبال   حضرِ راہ، مسجد قرطبہ (انتخاب) جبریل اور ابلیس

(۵)   چکبست   فریاد قوم، گو کھلے، رامائن کا ایک سین

(۶)   جوش   کسان، حسن اور مزدوری

(۷)   فیض   نثار میں تری گلیوں کے، ہم جو تاریک راہوں میں، صبح آزادی

(۸)   علی سردار جعفری   اودھ کی خاک حسین، تم نہیں آئے تھے جب۔

(ب) غزل

دائرہ مطالعہ:

(۱)   غزل کی تعریف اور اردو میں اس کے عہد بہ عہد ارتقاء کا خاکہ۔

(۲)   درج نصاب شعرا کے تخلیقی محرکات و عوامل سے باخبر کرانا۔

(۳)   درج نصاب شعرا کے عہد و ماحول سے واقف کرانا۔

(۴)   درج نصاب غزلوں کا فنی مطالعہ۔

(۵)   درج نصاب غزلوں کے اشعار کی تشریح و توضیح۔

درسی کتب:

شہ پارے (نظم) مطبوعہ ادارہ نشر و اشاعت، شعبۂ اردو، الہ آباد یونیورسٹی سے مندرجہ ذیل غزلیں:

میر   (۱)   تھا مستعار حسن سے   (۲)   الٹی ہو گئیں سب تدبیریں

         (۳)   ہمارے آگے ترا جب   (۴)   جس سر کو غرور آج ہے

         (۵)   جفائیں دیکھ لیاں   (۶)   دیکھ تو دل

         (۷)   منہ تکاہی کرے ہے   (۸)   بے رمک بوئے گل

درد   (۱)   مدرسہ یاد تھا   (۲)   تجھی کو جو یاں جلوہ فرما

         (۳)   گرد یکھئے تو مظہر آثار بقا ہوں (۴)   ارض و سما کہاں

آتش   (۱)   حباب آسا میں دم بھرتا ہوں   (۲)   فریب حسن سے گبر و مسلماں کا چلن

         (۳)   مگر اس کو فریب نرگس مستانہ (۴)   جلا میں شمع کی مانند

         (۵)   خار مطلوب جو ہووے

غالب   (۱)   عشرت قطرہ ہے   (۲)   محرم نہیں ہے تو ہی

         (۳)   ہے بس کہ ہر اک ان کے   (۴)   حسن

         (۵)   آہ کو چاہئے اک عمر   (۶)   یہ نہ تھی ہماری قسمت

         (۷)   کسی کو دے کے دل کوئی   (۸)   گر خامشی سے فائدہ

مومن	(۱) آخری امید ہی سے چارہ جرماں	(۲) اثر اس کو دعا نہیں ہوتا
	(۳) غیروں پہ پھل نہ جائے	(۴) آنکھوں سے حیا ٹپکے ہے
	(۵) ناوک انداز جدھر	
داغ	(۱) غضب کیا ترے وعدے پہ	(۲) عرصہ حشر میں اللہ کرے
	(۳) ہم مٹ گئے تو پرسش نام و نشاں ہے اب	
شاد عظیم آبادی	(۱) تمناؤں میں الجھایا گیا ہوں	(۲) اب بھی اک عمر
	(۳) ڈھونڈوگے ملکوں ملکوں	
حسرت	(۱) نگاہ یار جسے	(۲) حسن بے پروا کو
	(۳) اب دل ہے نہ وہ عیش	(۴) بھلا تا لاکھ ہوں لیکن
فانی	(۱) نہ ابتدا کی خبر ہے	(۲) آل سوز غم ہائے نہانی
	(۳) مانا حجاب دید	(۴) مرکز مریض غم کی وہ حالت
	(۵) دنیا میری بلا جانے مہنگی ہے	
یاس یگانہ چنگیزی	(۱) خودی کا نشہ چڑھا	(۲) ادب نے دل کے تقاضے
	(۳) قفس میں بوئے مستانہ	
فراق	(۱) سر میں سودا بھی نہیں	(۲) ایک شب غم وہ بھی تھی
	(۳) بہت پہلے سے ان قدموں کی آہٹ (۴) تو ہے سر بسر کوئی داستاں	
	(۵) شام غم کچھ اس نگاہ ناز (۶) کسی کا یوں تو ہوا	
فیض	(۱) ترے غم کو جاں کی تلاش تھی	(۲) نہ گنواؤ ناوک نیم کش
	(۳) گلوں میں رنگ بھرے	(۴) رنگ پیراہن کا
	(۵) ستم کی رسمیں بہت تھیں لیکن	
ناصر کاظمی	(۱) ہوتی ہے تیرے نام سے وحشت (۲) گلی آباد تھی جن سے	
	(۳) ترے خیال سے	(۴) وہ اس ادا سے جو آئے
	(۵) کچھ یادگار شہر ستمگر	

(ج) مرثیہ، مثنوی اور قصیدہ

دائرہ مطالعہ

(۱) مثنوی، قصیدہ اور مرثیہ کی تعریف اور اردو میں ان کے عہد بہ عہد ارتقاء کا اجمالی خاکہ۔

(۲) درج نصاب شعراء کے شعری محرکات و عوامل سے باخبر کرانا۔

(۳) درج نصاب شعراء کے عہد و ماحول سے واقف کرانا۔

(۴) درج نصاب متن کا فنی مطالعہ۔

(۵) درج نصاب متن کے اقتباسات کی تشریح و توضیح۔

شہ پارے (نظم) مطبوعہ ادارہ نشر واشاعت، شعبۂ اردو، الہ آباد یونیورسٹی سے مندرجہ ذیل:

سحرالبیان (انتخاب)		(۱)	(الف) مثنوی
گلزارنسیم (انتخاب)		(۲)	
چہرہ مہروش ہے ایک سنبل مشک فام دو	سودا	(۱)	(ب) قصائد
واہ وا کیا معتدل ہے باغ عالم کی ہوا	ذوق	(۲)	
سمت کاشی سے چلا جانب متھرا بادل	محسن کاکوروی	(۳)	
نمک خوان تکلم ہے فصاحت میری	میرانیس	(۱)	(ج) مرثیہ
کوفہ میں بہار آئی جو گلگشت چمن کو	مرزا دبیر	(۲)	

حصہ سوئم (نثر)

(الف) کہانی

(۱) کہانی کی تعریف اور اس کے عناصر ترکیبی۔

(۲) اردو میں کہانی کے عہد بہ عہد ارتقا کا اجمالی خاکہ۔

(۳) تمثیل نگاری کی تعریف اور خصوصیات سے واقف کرانا۔

(۴) آزاد کی طرز نگارش کی انفرادیت کا مطالعہ۔

(۵) طنز و مزاح کی تعریف اور نمائندہ مصنفین کا تعارف۔

(۶) درج نصاب مصنفوں کے تخلیقی محرکات و عوامل سے باخبر کرانا۔

(۷) درج نصاب کہانیوں کا فنی مطالعہ۔

(۸) درج نصاب متن کے اقتباسات کی تشریح و توضیح۔

شہ پارے (نثر) مطبوعہ ادارہ نشر واشاعت، شعبۂ اردو، الہ آباد یونیورسٹی سے مندرجہ ذیل:

کفن	پریم چند	(۱)
میلہ گھومنی	عباس حسینی	(۲)
لال باغ	کرشن چندر	(۳)
ٹوبہ ٹیک سنگھ	سعادت حسن منٹو	(۴)
چوتھی کا جوڑا	عصمت چغتائی	(۵)
لاجونتی	راجندر سنگھ بیدی	(۶)
یہ غازی یہ تیرے پراسرار بندے	قرۃ العین حیدر	(۷)

نیرنگ خیال حصہ اول از محمد حسین آزاد سے مندرجہ ذیل مضامین:

(۱) دیباچہ

(۲) سچ اور جھوٹ کا رزم نامہ

انسان کسی حال میں خوش نہیں رہتا		(۳)
شہرتِ عام اور بقائے دوام کا دربار		(۴)

طنز و مزاح:

کتے	پطرس بخاری	(۱)
شاعر ہونا کیا معنی رکھتا ہے	رشید احمد صدیقی	(۲)
ترے کوچے سے ہم نکلے	مشتاق یوسفی	(۳)

(ب)   داستان اور مضامین

دائرہ مطالعہ

(۱)   اردو کے نثری اصناف کے اقسام

(۲)   داستان کی تعریف اور اردو میں اس کے عہد بہ عہد ارتقاء کا اجمالی خاکہ

(۳)   داستان، ناول اور کہانی میں فرق کا مطالعہ

(۴)   درج نصاب مصنفین کے اسلوبِ نگارش سے واقفیت

(۵)   درج نصاب متن کی تشریح و توضیح

درسی کتب

شہ پارے (نثر) مطبوعہ ادارہ نشر و اشاعت، شعبۂ اردو، الٰہ آباد یونیورسٹی سے مندرجہ ذیل:

(الف) افسانہ

باغ و بہار (انتخاب)	میر امن	(۱)
فسانۂ عجائب (انتخاب)	رجب علی بیگ سرور	(۲)
فسانۂ آزاد (انتخاب)	رتن ناتھ سرشار	(۳)
توبۃ النصوح (انتخاب)	نذیر احمد	(۴)
امراؤ جان ادا (انتخاب)	مرزا ہادی رسوا	(۵)

(ب) مضامین

اپنی مدد آپ	سرسید	(۱)
گزشتہ لکھنؤ (انتخاب)	شرر	(۲)
اردو لٹریچر کے عناصر خمسہ	مہدی افادی	(۳)
زبان کی تعلیم کا مسئلہ	خواجہ غلام السیدین	(۴)
مشترکہ زبان، مہاتما گاندھی نے کیا سوچا تھا (ترجمہ)	سید عابد حسین	(۵)

(ج)   ناول، ڈرامہ، خطوط وغیرہ

دائرہ مطالعہ

(۱)   ناول کی تعریف اور اس کے عناصر ترکیبی کا تعارف

(۲)   اردو میں ناول نگاری کے عہد بہ عہد ارتقاء کا اجمالی خاکہ

(۳)   ڈرامے کی تعریف اور عناصر ترکیبی

(۴)   نمائندہ ڈرامہ نگاروں کا تعارف

(۵)   اردو میں خطوط نگاری کی خصوصیات سے واقف کرانا

(٦)   آب حیات کی روشنی میں اردو شعراء کے سوانحی خاکوں کا مطالعہ

(۷)   لندن کی ایک رات کا فنی تجزیہ

(۸)   درج نصاب مصنفین کی انفرادیت کا مطالعہ

(۹)   درج نصاب متن کی تشریح و توضیح

درسی کتب

(١)   شہ پارے (نثر) مطبوعہ ادارہ نشر و اشاعت، شعبۂ اردو، الہ آباد یونیورسٹی سے مندرجہ ذیل:

(الف)   ڈراما

(١)   امتیاز علی تاج   انارکلی (انتخاب)

(٢)   سید اعجاز حسین   اکبر الہ آبادی (انتخاب)

(ب)   خطوط

(١)   مرزا غالب   اردوئے معلّٰی (انتخاب)

(٢)   مولانا ابوالکلام آزاد   غبار خاطر (انتخاب)

(٣)   مولانا محمد حسین آزاد   آب حیات

(٢)   صرف مندرجہ ذیل شعراء کے حالات شامل نصاب ہیں۔ ان میں درج اشعار خارج از نصاب ہیں:

امیر خسرو   ولی   سودا   میر   انشاء

آتش   ذوق   غالب   انیس   دبیر

(٣)   سجاد ظہیر   لندن کی ایک رات

حصہ چہارم: فارسی اور علم بدیع

دائرہ مطالعہ

(١)   فارسی عبارتوں کی تفہیم اور ترجمہ

(٢)   درج نصاب فارسی نثر نگاروں کے متعلق معلومات

(٣)   درج نصاب فارسی نظم نگاروں کے متعلق معلومات

(۴)   اردو اور فارسی میں مختصر جملوں اور فقروں کا ترجمہ

(۵)   صنائع و بدائع سے واقفیت

درسی کتب

(١)   فارسی کی پہلی کتاب   پروفیسر جعفر رضا، مطبوعہ ادارہ نشر و اشاعت، شعبۂ اردو، الہ آباد یونیورسٹی

(٢)   گلہائے فارسی   مطبوعہ ادارہ نشر و اشاعت، شعبۂ اردو، الہ آباد یونیورسٹی

(٣)   آئینہ بلاغت   محمد حسن عسکری، اتر پردیش اردو اکادمی، لکھنؤ۔

M.Sc. (Master of Science)

BOTANY

Fungi

A general introduction to fungi including structure, reproduction, importance and classification. The life histories of the following genera:

Lower Fungi: Albugo. Phytophthora, Mucor.

Higher Fungi : Ascomycetes, Saccharomyces, Sphaerotheca, Peziza.

Basidiomycetes: Ustilago, Puccinia, Agaricus Fungi Imperfecti: Cercospora, Aspergillus.

Lichens, Bacteria and Plant Viruses

Lichens: Occurrence, general structure and reproduction with special reference to Parmelia. Economic importance of lichens in general.

Bacteria: Structure, reproduction and economic importance.

Viruses: Nature, Structure, transmission, multiplication and economic importance.

Algae

A general introduction to Algae, including their vegetative structure, reproduction, ecology and economic importance. A broad classification of Algae.

A study of reproduction and life cycle of the following genera:
1. Cyanophyceae: Oscillatoria, Nostoc.
2. Chlorophyceae : Chlamydomones, Yolvaz, Chlorella (Hydrodictyon), Oedogonium
3. Kanthophyceae: Yaucheria
4. Phacophyeceae: Ectocarpus, Fucus
5. Rhodophyceae: Batrachospermum, Polysiphonia.

Bryophyte

A general account of Bryophytes. The life histories of the following genera:
1. Hepaticopsida: Riccia, Marchantia, Pellia, Porella.
2. Anthocerotopsida: Anthoceros
3. Bryopsida: Sphagnum, Funaria

Pteridophyta

A general account of the Pteridophytes with special reference to life histories of the following genera:
1. Psilophyta: Rhynia
2. Lycophyta: Lycopodium, Selaginella
3. Arthrophyta: Equisetum
4. Filicophyta: Marsilea, Pteridium

Gymnospermophyta

Classification and general account of the gymnosperms with special reference to the life histories of the following genera: Cycas and Pinus

Taxonomy

History of plant taxonomy with special reference to India, a brief account of Bentham & Hooker, Engler & Prantl and Hutchinson's systems of classification. A detailed account of the following families:

Gramineae, Liliaceae, Orichidaceae, Musaceae, Ranunculaceae, Cruciferae, Capparidaceae, Papaveraceae, :Caryophyllaceae, Malvaceae, Leguminosae, Rosaceae, Umbelliferae, Myrtaceae, Amaranthaceae, Casuarinaceae, Euphorbiaceae, Asclepiadaceae, Cucurbitaceae, Acanthaceae, Solanaceae, Convolvulaceae, Labiatae, Compositae, Rubiaceae.

Morphology & Anatomy

Broad outlines morphology and anatomy of vegetative and reproductive organs of angiosperms. Cell wall structure, tissues and tissue systems. Morphology and anatomy of root and stem. Root-stem transition regions. An account of normal primary structure and secondary growth in herbaceous and woody plants. Primary anomaly, Anomalous secondary growth as exemplified by stems of Boerhaavia, Chenopodium, Pytostegia (Bignonia) and Dracaena. Anatomy of leaf. Leaf abscission. General morphology of flower and floral parts.

Life History

A brief account of the anther, ovule, male gametophytes, polygonium, type of embryo sac, fertilization, development of embryo as exemplified by Capsella, bursapostoris, an oagiturtu types. An elementary account of development of endosperm. Apomixis & Polyembryony.

Plant Physiology

Cell constituents and their micro-chemical reactions, physiology of the cell, absorption of materials in general, ascent of sap and transpiration, assimilation of nitrogen, translocation of plant food materials, fermentation and respiration, an elementary knowledge of physiology of growth including turgidity and movement in plant.

Movement of growth and movement of variation.

a. (i) Water relations (water absorption, transpiration & translocation, salt uptake and translocation).
   (ii) Growth, growth hormones, movements, dormancy and its regulation, flowering (vernalization & Photo-periodism), phytochrome system.
b. Enzymes (classification & mechanism of action), Fermentation, Respiration & photorespiration.
c. Nitrogen assimilation and fixation of atmospheric notrogen, Synthesis of amino-acids.
d. Lipid & carbohydrate metabolism.

Plant Ecology

An elementary knowledge of Ecology : Ecological factors, climatic, edaphic, physiographic and biotic factors, plant succession and plant communities-hydrophytes, mesophytes, xerophytes, mongroves epiphytes and parasites.

Food chain, Ecosystem and pollution.

Forest types of India.

Cytology

General study of cell and its organelles, chromosomes, cell divisions.

Genetics

Mendelism, Linkage & crossing over, gene concept, determination of sex in plants, non-nuclear inheritance, mutation (chromosomal and genie), chromosomal

aberration & polyploidy.

Molecular Biology
1. Structure of RNA, DNA and Proteins, role of nucleic acids in Protein synthesis.
2. Protein synthesis mechanism.
3. Genetic code: an elementary knowledge.

Evolution
Organic origin of life & evolution, evidences, mechanism and theories.

Microbiology And Applied Microbiology
Definition and scope. An elementary knowledge of soil, water, sewage, milk, food, air and industrial microbiology; importance and application of Penicillium, Streptomyces, Bacillus, Chlorella, Streptococcus, Clostridium, Clavicep, Symbiotic and non-symbotic nitrogen fixing bacteria and blue green algae, mycorrhiza.

Genetic Engineering
Concept and Scope : Gene - transplants, the role of enzymes - restriction, endo - nicleases and plasmids in transferring genes, applications of Genetic Engineering in medicine, agriculture, industry and environment.

Plant Pathology
Definition and Scope: disease and disease iniciating organisms; symptoms of plant diseases, dissemination of pathogens; introductory knowledge of epidemiology and forecasting of plant diseases; host-parasite interaction; effect of environment on plant diseases; principles of defence mechanism and control.

Economic Botany
A knowledge of use of plants for human welfare :
(A) Use of plants and plant products belonging to the group: Algae, Fungi, Bryophytes and Gymnosperms.
(B) Use of Plants and plant products belonging to Angiospermae with special reference to the following:
(a) Food Plants: Cereals (wheat, rice and maize). Legumes (Pigeon pea, Groundnut, gram). Sugarcane and fruits.
(b) Food adjuncts: Beverages (Tea and Coffee): Spices (Piper nigrum, Capsicum, Curcuma. Zingiber, Crocus sativus, Coriandrum sativum. Syzygium aromaticum).
(c) Maxticatories & Fumicatories (Piper-betel. Areca catechu, Acacia catechu, Nicotiana tobacunt).
(d) Drug-yielding plants: drugs narcotics: (Cinchona. Aconitum, Atropa, Artemisia, Rauwolfia, Cannabis sativa, Papaversormniferum).
(e) Timber: Teak, Sal, Shisham.
(f) Fibre: Cotton, Jute, Sun-hemp and Coir.
(g) Edible oils: Arachis, Coconut, Brassica, Ricinus
(h) Rubber: Hevea and Ficus
(i) Tannins: Acacia
(j) Gums: Acacia, Sterculia
(k) Weeds and weed control : An introduction and definition of weeds, methods of weed control, a basic knowledge of herbicides, their transformation and persistence in soil; some prominent weeds of crop plants and their control.

Applied Plant Anatomy
Economic aspects of applied plant anatomy, applications of anatomy in taxonomy, horticulture, food adulteration, medicinal plants, wood present-day. in Archaeology, forensic application.

Plant Breeding
An elementary knowledge of plant breeding, methods of breeding of self-pollinated crops, cross-pollinated crops and sexually propagated crops, pansexuality, techniques of plant breeding, emasculation, pollination, etc.

Marine Biology & Limnology
An elementary 'knowledge of marine-biology and limnology, a general study' of morphological and reproductive features of micro and macrophytes growing in sea-water with special reference to their adaptations; a preliminary knowledge of abiotic (Physical and chemical properties of the water) and biotic (plankton, periphyton. macrophytes, Benthos and decomposers), factors influencing growth of fresh water and marine flora.

Palaeobotany and Palynology
An elementary knowledge of Palaeobotany Geological ara, Process of fossilization, types of fossils, methods of study, form genera and reconstruction of fossils plants. **Palynology**: An introductory knowledge to palynology.

Plant Diversification:
Evolutionary trends, origin and evolution of different plant groups.

Morphogenesis and Tissue Culture :
Phenomenon of Morphogenesis, an elementary knowledge of polarity, symmetry, cellular and tissue disserentiation; protoplast fusion, methodology and application of tissue culture.

CHEMISTRY

A. (PHYSICAL CHEMISTRY)

1. Thermodynamics
Variation of internal energy with temperature and volume, Enthalpy as a function of temperature and pressure, Relation between Cp and Cv, kirchoffs equation, Joul Thomson Coefficient, Inversion temperature, Important thermodynamic quantities (w, q, DE and DH) in an isothermal expansion of an ideal gas and adiabatic expansion of an ideal gas, spontaneous processess, Camot cycle, Statement of second low, concept of entropy, Thermodynamic equation of state (Energy as a function of T and V Enthalpy as a function of T and P), Variation of entropy with temperature and volume, variation of entropy with temperature and pressure, Helmholtz and Gibbs free energies, Gibbs- Helmholtz equation, Thermodynamic criteria of equilibrium, Clapeyron and Clausius equation, Thermodynamic derivation of law of mass action, Reaction isotherm and Vant Hoff equation, Thermodynamic derivation of Phase Rule and distribution law, partial molar Quantities, Chemical Potential, Gibbs-Duhem equation, Chemical potential and other thermodynamic functions, Effect of temperature and pressure on chemical potential; chemical potential of real gases and fugacity of real gases.

2. Chemical Kinetics and Catalysis:
Differential and Integral rate equations for Zero, first, second and third order reactions, Hal-life period, Kinetics of first

order, opposing consecutive and parallel reactions, Effects of temperature on reaction rate, energy of activation and collision theory of bimolecular gaseous reactions, Steady-State approximation, Lindemann's theory of uni-molecular reaction. Transition state theory of reaction rates (Qualitative aspect), primary salt effect in ionic reactions, kinetics of homogeneous, acid-base and enzyme catalysis.

3.   Chain Reactions and Photochemistry:

Chain reactions, Free radical chains (Rice-Herzeld mechanism for the decomposition of ethane), Einstein's law of photochemical equivalence, Quantum efficiency, Kinetics of some photochemical reactions (Decomposition of acetaldehyde, dimerisation of anthracene).

4.   Electro-chemistry:

Kohlrausch's law of independent migration of ions, Transport number and its determination, Hydrolysis of salts, pH and buffer solutions, type of single electrodes and electrode potentials, concentration cell with and without transference, liquid junction potential, Fuel cells.

5.   Atomic Structure:

Dual nature of electron, de-Broglies equation, Heisen-berg's uncertainty principle, Schrodinger's wave equation and physical significance of the wave function, particle in a box (one dimensional only).

6.   Gasses State:

Non-ideality of gas behavior, Vanderwaals equation of state, critical phenomena, Principal of corresponding states, equation for reduced state.

7.   Surface Phenomenon:

Physical and chemical adsorption, Freundlich adsorption isotherm, Gibbs adsorption equation, Langmuir adsorption isotherm.

B. (ORGANIC CHEMISTRY)

1. Bonding in Carbon Compounds : Hybridization and shapes of molecular orbital.

Factors affecting covalent bonds : inductive, electromeric and mesomeric (resonance) effects, hyperconjugation and hydrogen bonding.

Modern concepts of acids and bases; Factors affecting strength of acids and bases.

Homolytic and heterolytic bond fission : Formation and stability of reactive intermediates, (carbocations, carbanions and free radicals). General concepts of types of reaction -substitution, addition and elimination. Mechanism of SN^ SN_2, E_1, E_2, electophilic addition, conjugate addition of 1, 3-butadiene and Diels Alder addition.

2.   Aromaticity and Huckel's rule : Mechanisms of Friedel-Crafts, Wurtz-Fitting reactions and other electrophilic substitutions (SE] and SE_2), Orientation and benzene. Explanation of directive influence of substituents. Mechanism of Reimer - Tiemann and Kolbe's reactions.

Preparation and properties of salicylic acid and application of its derivatives.

3. Aliphatic and Aromatic Aldehydes and Ketones:

Methods of preparations and their important reactions (nucleophilic addition, reduction and oxidation), acidity of hydrogen atoms. Mechanism of following reactions- Adol

condensations.

Cannizzaro's reaction, Claisen-Schmidt reaction, Perkin reaction, Benzoin condensation, Knoevenagel reaction and Micheal addition.

4.   (i) Optical Isomerism : Optical activity specific and molecurlar rotation, chirality, elements of symmetry enatiomers, properties of enantiomers, racemic modifications, resolution of racemic mixture. Relative and absolute configuration- D, L and R, S nomenclature, sequence rules. Compounds with two dissimilar chiral centres, diastereomers, properties of diastereomers, erythro and threonomenclature, compounds with two similar chiral centres, tartaric acid, meso-forms.

(ii) Geometrical Isomerism : Cis-trans and E & Z nomenclature, methods for determining configuration of geometrical isomers.

5.   Active Methylene Compounds : Preparation and synthetic application.

6.   Spectroscopy U.**V. Visible** : Origin, elementary idea of instruments used, simple application in structure determination of organic molecules : Woodward-Fieser rule for *Xmax* of conjugated dienes and a, P unsaturated carbonyl compounds.

IR : Principle, instruments, absorption frequencies of common organic functional groups. Applications to simple organic compounds.

NMR : Origin, chemical shift, coupling constant, application to simple organic compounds.

7.   Cycloparaffins : Nomenclature, methods of formation of small, medium and large ring compounds and Baeyer's strain Cheofy, strainless rings, conformational analysis of cylohexane and mono substituted cyclohexanes.

8.   Carbohydrates : Classification and nomenclature, monosaccharides structure and important reactions of glucose and fructose, mechanism of osazone formation, interconversion of glucose & fructose, chain lengthening and chain shortening in aldoses, configuration of monosaccharides epimerization, cyclic structures of D (+) glucose, mechanism of mutarotation, Disaccharides shuctures of (+) Maltose, (+) Lactose and (+) Sucrose, Distinction between (a and b- glycosidic linkages).

9.   Diazonium compounds : Structures, stability and important reactions: Diazomethane-its preparation and uses, chemistry of carbenes.

10. Synthetic Polymers: Introduction, Modes of polymerization:

(a) Addition or chain growth polymerization - Free radical ionic mechanism Some important vinyl IP polymers e.g. Polythene, PVC, polystyrene. Acrylic fibres, Orion and Acrilon.

(b) Condensation or step growth polymerization - Polyesters, Polyamides, Phenol formaldehyde resins, poly-urethanes.

(c) Rubber-Natural and Synthetic.

11. Synthetic applications of Grignard reagents

C. (INORGANIC CHEMISTRY)

1.   Atomic Structures and Periodic Properties:

Quantum mechanical and wave mechanical concepts of atomic structures; .shape of orbitals, Quantum numbers, Electronic configuration Periodic classification of elements (IUPAC recommendations), atomic and ionic radii Ionisation potential, electron affinity, electronegativity, Electrode potentials.

2. Chemical Bonding and Molecular Structure :

Valence bond and Molecular orbital approach of Covalent bond, M.O. energy level diagrams for homonuclear and heterounclear diatomic molecules, Covalent Character in ionic bonds and partial ionic character of a covalent bond; Hydrogen bond, odd electron bond, metallic bond and Vander wall's forces, Theory of hybridization, Shapes of inorganic molecules and ions- VSEPR theory, Structure of ionic solids, radius ratio rules, lattics energy and hydration energy.

3. Co-ordination Chemistry:

Werner's theory, Type of classification of ligands, IUPAC nomenclature, Isomerism in coordination compounds, effective atomic number, Bonding in complexes, Valence Bond Theory and its limitation, Crystal field theory, d-orbital splitting in octahedral and tetrahedral fields.

4. Chemistry of Representative Elements :

General Characteristics of S and P block elements. Chemical reactivity and group trends.

5. Transition metals including Lanthanides :

General characteristics, variable oxidation states, Complex formation, magnetic and spectral properties, Lanthanide contraction and its consequences, Separation of lanthanides.

6. Extractive Metallurgy:

General principles of extraction and purification. Extraction of Li, Be, B, Ge, Ni, Ti. (Flow sheet diagram and reactions only)

7. Environmental Pollution:

Air pollutants, Water pollutants, Particulates, their sources and toxic effects, Acid rain, green house effects.

8. Metal Ions in Biological Systems:

Essential and trace elements, chemistry of chlorophyll, haemoglobin, Myoglobin and cyanocobalamin.

9. Preparation, properties and Structures:

Lithium tetrahydro aluminate (III), Alkali Metal complexes with crown ethers. Basic beryllium acetate, Diborane, Silicates, Silicones', Hyponitrous acid, Borazine, Internalogens, Polyhalides and pseudohalogens, Xenon fluorides and Oxyfluorides.

10. Inorganic Analysis:

Chemical reactions and problems based on the inorganic mixture analysis, General principles of volumetric and gravimetric analysis. Numerical Problems.

PHYSICS

Thermodynamic equilibrium, Zeroth law, first law, second law, reversible process, Carnot's theorem, entropy and disorder; thermodynamic relations and applications. Clausius-Clayperon equation, phase transitions of first and second order.

Radiation as e.m. wave, Kirchhoffs law. black body radiation, pressure and energy density, Stefan-Boltzmann law, Planck's law and its limiting cases. Phase space, ensembles, equilibrium and fluctuation, entropy and probability, entropy of a perfect gas, microcanonical, canonical and grand canonical ensembles, partition function, Boltzmann distribution, B.E. and FD. statistics, simple applications.

Gauss' Law, Blot-Savart law, Vector Potential, Faraday law. Amperes circuital law, generalization of Ampere's law by Maxwell, Maxwell's equations and its solution in free space and simple dielectrics. Poynting theorem, plane wave propagation in metals and plasmas.

Interference: Biprism, Newton's rings. Michelson interferometer, Fabry-Perot interferometer. Diffraction : Single slit, grating, resolving power. Polarisation : Nichol prism, specific rotation' polarimeter. laser.

Special theory of Relativity: Michelson-Morley experiment. Lorentz transformations, relativistic Doppler shift, twin paradox, mass-energy relation.

Transient currents analysis of LCR series ckt, ac response of LCR ckt, series resonance and quality factor.

Bohr's atomic model, X-ray spectra, Matter waves, wave groups.

Uncertainty principle.

Linear Hermitian operators, Schrodinger equation, eigenvalues and eigenfunctions, box normalisation, onedimensional potential barrier, tunneling through square well potential, explanation of alpha decay, beta decay, liquid-drop model, shell model.

Linear Harmonic oscillator, Angular momentum, commutation relations, Ladder operators eigenvalues of I, and L Z, Parity operator Hydrogen atom problem, Pauli spin matrices.

Time-independent non-degenerate perturbation theory and its simple applications.

Identical particles, symmetric and anti-symmetric wave function.

Crystailline state of solids, unit cell, bravais lattice, reciprocal lattice, interatomic forces, vibrations of monoatomic and diatomic chains, phonons.

Free electron theory of metals, electrons in periodic potential, Bloch waves, semiconductors, p-n , junction, diode, rectification, ripple factor, Transistor action and characteristics, C.E. amplifiers and its frequency response. Logic gates, Boolean algebra, Combination logic, Integrated Circuits. Solar Cell

ZOOLOGY

A. Nonchordates

General classification of the non-chordate phyla upto classes.

The structure and larval forms of the non-chordate types and the special topics against each phylum mentioned below:

Protozoa: Euglena, Paramaecium, Monocystis, Leishmanial. Protozoa and human diseases.

Porifera: *Sycon;* Canal System in Porifera,

Coelenterata : Obelia, Aurelia;. general characters and affinities of Ctenophora; polymorphism in Coelenterata;

coral reef formation.

Platyhelminthes; Schistosoma, Echinococcus; parasitic adaptations in helminths.

Aschelminthes: Wuchereria bancrofti

Annelida: Nereis, Hirudinaria; segmental organs

Anthropoda: Palaemon, general characters and affinities of Peripatus; insect metamorphosis.

Molusca: Pila, Unio; torsion and detorsion.

Echinodermata: Asterias; water vascular system in Echinodermata.

Hemichordata: Balanoglossus; affinities of Hemichordata.

B. Taxonomy and Evolution

Taxonomy

Biological Species Concept.

Theories of classification. Diversity of individals, Principles of hierarchy, Information retrieval, Taxonomic attributes, kinds of variation, International code of Zoological nomenclature. Elementary numerical taxonomy.

Evolution

Origin of life, Theories of evolution, Genetic drift, Isolation, Speciation.

C. Physiology and Biochemistry

Physiology

Physiological processes in mammals with special reference to man; physiology of circulation, digestion, respiration, excretion and reproduction; mechanism of muscle contraction; nerve impulse and reflex action; endocrine system-functions of various glands and their secretions.

Biochemistry

Characteristics, classification and nautre of proteins, carbohydrates and lipids; Glycolysis, Kreb's cycle, oxidative phosphorylaton, gluconeogenesis, Fatty acid metabolism, Enzymes-nature, properties, classification, mode of action of enzymes, co-enzymes, prosthetic group, Vitamins-classification, importance and sources of vitamins.

D. Protochordates and Vertebrates

Protochordata

Urochordata, and Cephalochordata-General characters anatomy, histology and classification upto-orders, post-embryotic development of Amphioxus and Ascidian.

Vertebrata:

Agnatha-General charaters and classification.

Gnathostomata-General characters, classification and comparative anatomy of the integumentary, skeletal, circulatory digestive, respiratory nervous and urinogenital systems with special reference to Scoliodon, Rana, Varanus, Cloumba and Lepus.

Special Topics

Sphenodon as living fossil.

Biting mechanism of poisonous snake; snake venom and antivenom.

Flight adaptations of birds, Aquatic mammals.

E. Animal Distribution and Ecology

Animal Distribution

Zoo-geographical regions of the world with their faunal characteristics with special reference to mammals, Factors influencing large scale animal distribution, barriers and dispersal, Age and importance of animal fossils.

Ecology

Definition and scope of ecology, Concept of structure and function of ecosystem, Ecological environmental factors and limiting factors, Tropic levels, Energy flow and concept of pyramids, Population dynamics,Biogeochemical cycles, Environmental pollution. Adaptations of animals in deserts and fresh waters, Wild life conservation.

F. Genetics and Cell Biology

Genetics

Mendel's laws of inheritance, linkage, crossing over and chromosome mapping, human chromosomes and human chromosomal abnormalities, sex linkage and, sex determination in Drosophila and man, Dosage compensation, Blood groups, DNA and RNA structure, Evidences that nucleic acids are the genetic, material. Transcription and translation of genetic information, Genetic code.

Cell Biology

Cell cycle, mitosis and meiosis; nucleus, nuclear membrane and nucleolus; structure and chemical composition of eukaryotic chromosomes, nucleosome structure, and functions of plasma membrane, Golgi apparatus, mitochondria, lysosomes, endoplasmic recticulum and ribosomes.

G. Molecular Biology and Genetic Engineering.

Molecular Biology

Eukaryotic genome organization : Unique and repetitive DNA sequences, Molecular basis of gene regulation in prokaryotes; inducible repressible system.

Immune System

Cellular components of the immune system, Immuno-globolin.

The major histocompatibility complex The immune system and disease

Somatic Cell genetics

Heterokaryons and cell hybrids, Tranposons

Genetic Engineering

Scope, application and potential hazards of recombinat DNA technology, Restriction enzymes and their use in gene cloning, DNA, RNA sequencing, Gene cloning techniques, Non-coding intervening sequences within eukaryotic genes.

H. Economic Zoology and Environmental Biology

Economic Zoology

Economic importance of different groups of animals in general.

Life cycle and zoonotic significance of Diphyllobothrium latum, Dracunculus medinensis, tick and mite, Beneficial and harmful insects, Plant and stored grain pests and role of insecticides in their control, Interrelationship of mosquito with malaria, yellow fever, dengue, encephalitis and Dermatobia, their prevention and control, Biological control of insect pests.

Aquaculture

Its basic concepts, management and economics (including Pearl Fishery).

Environmental Biology

Environmental Pollution : Air, water, soil and noise pollution; their sources effects and control. Deforestation and desertification, Soil erosion, Chipko movement.

Environmental hazards of Radiation, Toxicants and industrial effluents, Biological factors affecting toxicity.

Environmental Health

Water in relation to human disease, Urbanisation stress and health. Environmental monitoring.

I. Development Biology and Ethology

Developmental Biology

Different types of Asexual Reproduction, Comparison between blastogenesis and embryogenesis; Gametogenesis, Vitellogenesis, parthenogenesis; The morphogenetic processes and causation in amphibians and insects; Tissue reactivity and induction process, factors controlling moulting in insects; Regeneration types and processes involved, and teratogenesis.

Ethology

Concepts of Ethology : Outlines of innate and learned behaviour, Imprinting and fixed, action patterns, Methods, used in ethological studies; Social behaviour; Courtship behaviour, Nesting behaviour, Migratory behaviour of fish and birds, Mimicry.

COMPUTER SCIENCE

Mathematical Logic : Mathematical systems, Statements and Notation, Propositions and connectives, Statement formulae and truth tables, Logic variables. Logic functions. Logic expressions, Equivalence classes of Logic functions. Complete sets of logic functions.

Logic Algebra : Boolean Algebra, Theorems of Boolean Algebra, Switching. Algebra, Switching functions, and switching formulae, Binary number systems, Disjunctive and conjunctive canonical forms of expressing switching functions, Transformation. Minimisation techniques, Minimisation using Boolean identities, Karnaugh map. **Logic Circuits** : Logic gates, Analysis of Combinational circuits, MSI logic building blocks. Realization of logic circuits, using SSI and MSI, Flip-flops. Analysis of sequential logic circuits. Counters and Registers. **Computer fundamentals** : Fundamental Units of a digital computer, Stored programme concept. Data representation in computers, Arithmetic operation CPU architecture, Instruction format, Addressing modes, Instruction set of 8 bit, processors. Concept of Sequential and random storage, Basic memory cell and their organization, RAM, ROM, EPROM etc. Auxiliary storage devices, Magnetic and optical disc, I/O techniques, I/O devices-Key board, Monitor, Printer, etc.

Software : Algorithms, Control Structures, Flowcharts, Pseudocode, Design of Algorithm, Tracing, Simple Algorithm, Language features of C, Programming in C, Data Structures-Arrays, Stack, Queues, Linked lists, Multilinked lists, Tress, Tree Traversal, Simple Properties of Graphs.

M.A. & M.Sc. (Common to both streams)

ANTHROPOLOGY

Section I

SOCIO- CULTURAL ANTHROPOLOGY

Definition, meaning and scope of Anthropology, core branches of Anthropology, Bio-cultural approach, holistic approach and cultural relativism.

Family : Definition of family, types of family-nuclear, joint And extended.

Marriage : Definition of marriage, forms of marriage-monogamy, Polygamy, Polyandry and Polygynandry.

Kinship : Classificatory and Descriptive Kinship terminology rules of descent Neolocal, Bilocal, Urilocal, Avuncurlocal and Virilocal, Morgan's view of Kinship.

Political and Economic Anthropology : Primitive law, State and Stateless society. Modes of exchange- Reciprocity. Redistribution, market economy, Formalist and sub-stantivistview.

Religion : Animism Animatism, Manaism, Magic-forms of magic, religion and science.

Theories of Culture : Evolution- psychic unity of mankind, comparative method;

Diffusion - Culture concept, Culture area, culture construct;

Note : Post Graduation in these subjects are available in Art & Science both streams. In the test, paper of these subjects will be available in the test booklets of M.A. & M.Sc. both. Admission of a candidate to M.A. or M.Sc. will depend on the condition that candidate has passed graduation from Art or Science stream as per rules describe in Section II (Admission rule & procedure) of this brochure.

Culture and Personality school : Model personalty, culture pattern, Basic Personality Structure. **Structuralism**

Section II

Physical ANTHROPOLOGY

Meaning and scope of Physical Anthropology, branches of Physical Anthropology.

Primatology: Definition of primates, Classification of primates, Man-ape.

Differences: Old world monkeys and New world monkeys and Evolutionary trend in primates.

Evolution: Theories of evolution (Lamarck, Darwin, Synthetic theory), Principles of evolution, Migration, Mutation-types of mutation, Selection, Genetic drift.

Human fossils: Dryopithecus, Ramapithecus, Australopithecus, H. Erectus, Neanderthal and Cro-Magnon.

Races : Concept of race and racism, Major world races.

Human Genetics : Scope and use of genetic studies in anthropology, Structure and types of chromosomal

abnormalities. Euploidy and Aneuploidy, Nondisjunction, Klinefelter's syndrome, Down syndrome, Turner syndrome, Mendel's law of heredity.

Population genetics: Hardy Weinberg Law, Mating-Random and Nonrandom mating, Euthenics, Euphenics and Eugenics, Genetic counseling, Genetic Engineering and gene Therapy.

Section III
INDIAN ANTHROPOLOGY

Concept in Indian Anthropology - Sanskritisation, Westernisation, Modernisation and Nuture- Man-spirit Complex.

Tribal Welfare Programmes : Tribal sub Plan, TRYSEM, MADA, DWACRA, IRDR

Constitutional privileges and safeguards for SCs and STs, Fifth and Sixth Schedule.

University of Allahabad

Tribal Problems : Indebtedness. Land alienation. Displacement and Rehabilitation problems.

Section IV
PREHISTORY

Difference of between Prehistory, Proto history and History; Definition, meaning and scope of Archaeological Anthropology.

Paleolithic, Mesolithic and Neolithic Cultures (Characteristics features and tool typology), Concept of Home art and Cave art. Indus Valley Civilization.

DEFENCE & STRATEGIC STUDIES

1. **Art of Warfare in Indian :**
(a) Kautilya's Philosophy of War : Concept of State, Military organization and interstate relation,
(b) Rajput Military System and Turk pattern of warfare.
(c) Mughal Military System.
2. **Contemporary Study of War and Peace :**
(a) War: Total, Limited, Revolutionary and Nuclear.
(b) Economic Warefare.
(c) United Nations : role, structure and legal controal of Armed Conflict.
3. **Indian Military History.**
(a) Indian War of Independence 1857.
(b) Reorganization of Indian Army under the Crown.
(c) Indo-Pak Wars : 1948, and 1965 and 1971 and Sino-IndianWarof 1962.
4. **World Military History.**
(a) Napoleonic Warfare.
(b) World War I : Causes, Allied and Axis Objectives and Strategies.
(c) World War II : Causes, Allied and Axis Objectives and Strategies.
5. **Strategic Thought.**
(a) The Classicals of the 19th Century : Jomini and Clausewitz.
(b) From First to Second World War : Lenin, Liddle Hart and J.FC Fuller.
(c) Theories of Sea Power and Air Warfare.
(d) Nuclear and Conventional Deterrence : Concept and Practice.
6. **National Security.**
(a) Concept of National Security and National Power.

(b) Alternative Models of International Security : Balance of Power, Collective Security and Non-alignment.
(c) India's Defence Policies in the Post-independence period, (d) India's Nuclear Policy.
7. **Science, Technology and National Security.**
(a) Science and Society.
(b) Technology and Interdependence : Transfer of techonolgy. Military, Industrial Complex and Civilian and Military aspects of technology.
(c) New Military Technologies : New Conventional Weapons, Precision guidance, Target acquisiton/ Command and Control.
(d) Indian Policy and Problems and National Security : Science, Technology and Industrial Growth, Defence & Development, Role of Defence Research and Production.
8. **Current Development related to India's Defence and Security.**

GEOGRAPHY

A. Lithosphere:

Origin of the earth; theories regarding the origin of continents and ocean basins (tetrahedral theory, continental, drift theory), isostacy, rigid masses and geosynclines, theories of mountain building (geosynclinal theory, thermal contraction theory, conventional current theory, theory of sliding continents) rocks, earthquakes, volcanoes, weathering, cycle of erosion: Davis and Penck,

Normal cycle of erosion, interruption of drainage patterns, arid and semiarid landscapes, glacial and periglacial landscrape, Karst topography and Fluvial cycle of erosion and resultant landforms.

B. Atmosphere:

Structure and composition, insolation, heat balance of atmosphere, temperature, pressure and winds, cyclones and anticyclones, humidity and rainfall, airmasses and fronts, climatic classification by Koppen: Thornthwaite and Trewartha, weather forecasting, climatic changes.

C. Hydrosphere & Biosphere :

Salinity, ocean tiding, coral reefs, biosphere as an ecosystem, components of biosphere, evolution and dispersal of plants and animals, biome types.

D. Human Geography:

Meaning, scope and development of human geography; man and environment, environmental determinism, possibilism, neo-determinism, population; growth, distribution, demographic transition theory age and sex composition, occupational structure, migration, optimum population, population problems; settlements: rural and urban, morphology of Indian villages, functional classification of towns, central place therory, urbanization in the world with special references to India, umland, and rural-urban fringe, suburbs, problem of Planning of and urban settlements.

E. Economic Geography:

Agriculture : types of farming, principles of agricultural location, Von Thunes's model of agricultural location and its modification, agricultural productivity and efficiency, agricultural regions of China; Canada, France, Turkey and

Japan; minerals and power resources; distribution and production of iron-ore, petroleum and hydroelectricity, theories of industrial location by Weber. Hoover, Losch and Isard: Industries : location and development of iron & steel, cotton textile, paper, sugar industries : industrial regions of U.K, Germany, Japan, France; major ocean routes: world trade.

F. Regional Geography:

Concept of region in geography, classification of regions; regional geography of China : soils, agriculture, minerals and fuel resources, major industries, industrial regions : regional Geography of Japan : agriculture, minerals and power resources, major industries (iron & steel, cotton textile, silk textile), industrial regions.

G. Geography of India:

Physiography, drainage, climate-monsoon, soil types, minerals (iron-ore, mica, manganese bauxite atomic minerals), agriculture cropping pattern, industries (iron & steel, cotton textile, sugar, cement, glass, chemicals); population, transport, foreign trade; regional divisions.

H. Practicals:

Measurement scales- nominal, ordinal, interval and ratio scales, R.F (Representative Fraction) map projection; conic with two standard parallels, Bonne's polar-zenithal equidistant, polar zenithal stereographic, cylindrical equal-area, Mercator's, topographical maps, geological maps, weather maps, representation of statistical data on maps-isopleth, choropleth, dot map, diagrams and graphs-linegraph, polygraph, bar diagram, pie diagram, circle diagram, hyther graph and climograph.

MATHEMATICS

Straight Line and planes using vector techniques, Spheres, cones. Cylinders. Central Conicoids, Generating lines. Conies in Polar coordinates.

Sets, Relation and Maps. Real number system, Real Sequences, Limits of sequences. Convergence of Infinite series of positive terms. Limits and continuity of functions of one variable, Differentiability and its applications. Differential Equations of first order, Applications, Equations of higher degree, Linear differential equations of higher order, Variation of parameters, Linear systems of first order.

Application of Linear equations, Statements of Existence theorems.

Vector Calculus, Scalar and Vector fields, Gradient, Divergence and Curl, Line integral. Double integrals. Green's theorem, Surface intergrals & tripal integrals, Gauss' and Stokes' theorems. Convergence of general series, Absolute and Conditional Convergence, Riemann intergration, fundamental theorem of Calculus. Function of several variables, Limits and continuity, Partial and Directional Derivatives.

Vector spaces, Subspaces, Linear independence, Linear span, Bases and Dimension. Matrices, Rank, Systems of Linear Equations, Gauss elimination. Echelon form, Determinats, Cramer's Rule, Eigenvalues, Eigenvectors, Cayley-Hamilton Theoremm, Diagonalization, Inner product spaces, Quadratic Forms.

Differentiability of functions of several variables. Mean value theorem and Taylor's therorem for real valued functions. Jacobians. Inverse and Impicit function theorem.

Convergence of sequence and series of functions. Uniform convergence. Convergence of Improper Integrals.

Mechanics; Virtural work, Catenary, Motion in a plain. Constrained Motion. Central forces.

Force in three dimensions. Rigid dynamics, Moments and products of inertia, DAlembert's principle.

C. Hydrodynamics; Lagrangian and Eulerian approaches, Euler's equation of Motion, Fluid Motion in two dimensions. Groups, Rings and Fields. Linear congruence, Quadratic residues, Arithmetic functions.

Numerical Techniques for roots of general equations, Interpolation, Numerical Differentiation and intergration, Numerical solution of ordinary Differential Equations of first and second order.

Numerical Linear Algebra; Matrix Factoring, Iterative methods for systems for Linear, equations. Estimation of eigenvalues and eigenvectors, Least square curve fitting.

PSYCHOLOGY

Section I

Basic Psychology process

1. Nature of Psychology, Major fields; methods
2. Perceptions: Nature, perceptual organization, perception of depth, space and size. Factors influencing perception.
3. Learning classical and operant conditioning, cognitive learning, Theories; Applications of learning principles.
4. Memory and Forgetting : Nature and models; short term and long term memory; Theories of forgetting.
5. Motivation and Emotions; Nature, Classification; Hunger and thirst; Components of emotions; theories of emotions.

Section II
PSYCHOLOGICAL STATISTICS

1. Central tendency-   - mean, median and mode.
2. Variability -— measures of Variability; Calculation and interpretation.
3. Normal Distribution - Nature of normal curve; Skewness and Kurtosis; Application of Normal distribution curve.
4. Correlation — Pearson and spearman's rank order correlation, computation and interpretation.
5. t' test & chi-squre - nature; assumption and compu-tation.

Section III
PSYCHOPATHOLOGY

1. Meaning and criteria of normality and abnormality.
2. Approaches-Freud's psychoanalytical theory and NeoFreudians, behaviouristic and humanistic.
3. Stress, Conflict and pressure; task-oriented and defence-oriented reactions.
4. Neuroses and Psychoses : Types, Causes and symptoms.

Section IV
PSYCHOLOGY AND SOCIAL PROCESSES
1. Social cognition- Biases and heuristics, Person Perception and attribution theories and biases.
2. Social Attitudes - Nature, Formation, Measurement and Change.
3. Group Processes- Properties of Groups, formation and structure bases for power, conformity, obedience, approaches to leadership and styles.

Section V
DEVELOPMENT PSYCHOLOGY
1. Concept and principles of development.
2. Methods; Longitudinal; Cross sectional approaches; Data collection methods.
3. Factors in - Development; Nature vs. Nurture controversy, Interactionist's views.
4. Theories of Development - Erikson, Piaget and Bandura.
5. Developmental Stages I: Infancy and Childhood.
6. Developmental Stages II : Adolescence. Adulthood & old age.

Section VI
PERSONALITY RESEARCH AND MEASUREMENT
1. Experimental and Correlational Research: Hypothesis and Problems.
2. Scaling; Purpose; Types of Scales- Thurstone, Guttman, Likert.
3. Sampling - Nature and principles probability and non probability samples.
4. Reliability and Validity - Types of reliability, Types of validity, Applications.
5. Methods of data collection; Observation; Questionnaire; Interviewing.

Section VII A
CLINICAL PSYCHOLOGY IN SCHOOL SETTING
1. Problem behaviour in children - criteria and perspectives.
2. Psychoeducational assessment - assessment of language.
3. Assessment of Learning disabilities and intellectual abilities; definition and characteristics, identification and intervention, procedures. Dyslexia; mental retardation, academic underachievement and gifted children.
4. Assessment of behavioural and emotional problems- definition; classification system, indentification system, identification procedures.
5. Planning and implementing interventions- individual, family, non- directive, play and group Psycho-therapies, parental counseling.
6. Behaviour Modification in classroom - assumptions and procedures.

OR
SECTION VII-B
ORGANISATIONAL BEHAVIOUR
1. Nature and organizational behaviour; Approaches-Classical; Human relations and open System.
2. Selection and Training- Methods and selection, fairness in selection and placement, objectives and functions of training; techniques of training; evaluation of training programmes.
3. Motivation and Work- Meaning, work values, theories.
4. Organizational structure, formalization and centralization; technology; organizations as system of roles.
5. Organizational communication; Nature; Communication effectiveness; power & influence.
6. Organizational leadership- Nature; Theories; Effectiveness.

STATISTICS
1. Probability Theory and Distribution Theory:
Random experiment, sample space, events, axiomatic definition probability properties of probability measure, Boole's Inequality probability of union of events, conditional probability and associated probability space, Baye's theorem, independence of events, random variable as functions, induced probability measure, distribution function and its properties, probability mass function (pmf) probability density function (pdf) discrete and continuous random variables, joint distribution function, joint pmf and pdf, marginal pmf and pdf, conditional pmf and pdf, Mathematical expectation, moments, moment generating function, probabiity generating function, Chebyshev's inequality; Bionomial, Poission, Normal, bi- variate normal, geometric, negative bionomial, gamma, beta, exponential, chi-square distributions. Uniform distribution, Cauchey distribution, Random sample from given pdf or pmf. statistic, distribution of statistic, distribution, F-distribution, WLLN and CLT of i.i.d. random variables.

2. Estimation Theory and Testing of Hypothesis:
Sufficiency, factorization theorem for continuous and discrete cases, estimation method of maximum likelihood, method of moments, completeness, Rao-Blackwell theorem, Lehman- Scheffe theorem; one parameter exponential family and its completeness, Cramer-Rao inequality, Bayes estimation, confidence interval, shortest length confidence interval.

Fundamental concepts including power function. Neyman-Pearson. Fundamental Lemna (Radomized and non-randomized cases), most powerful(MP), Uniformly most powerful (UMP) critical regions, randomized test for binomial and poisson distributions, Chi-sqare test for goodness of fit, contigency table, significance test for correlation coefficient, elementary idea of SPRT, Likelihood ratio test, unbiased test.

3. Statistical Theory and Applied Statistical Analysis:
Representation of data, measures of central tendencies, dispersion moments, skewness and kurtosis, simple linear regression, method of least squares regression planes for three variable, correlation ratio, correlation coefficient, multiple & partial correlation coefficients, theory of attributes, coefficient of contingency, consistency and independence, rank correlation.

Experimental design-Randomization, replication local control; One-way and two-way ANOVA with single

observation per cell; CRD, RBD and LSD, missing plot technique; Order statistics-distribution of maximum, minimum and fourth order statistics joint distribution of its and fifth order statistics, sign test, median test and run. tests. Simple random sampling with and without replacement, Stratified random sampling, Proportional allocation, optimum allocation (Neyman allocation), method of ratio estimation.

4. Optimization:
Linear programming problems(LPP), solution by simplex method and graphical method, optimal solution at the vertices of a convex set; Dual problem. Two-person Zero-Sum-Game, Fundamental theorem for 2x2 game, mixed and pure strategies, strictly and non-strictly determined game; M/M/k queueing models.

26. M.Com. (Master of Commerce)

1. Statistics:
(a) Statistics-its meaning, importance, limitations
(b) Classification and Tabulation data
(c) Central tendency-Mean, Median, Mode
(d) Dispersion- Mean deviation, Standard deviation
(e) Skewness
(f) C.S.O., N.S.S., Population Census
2. Management:
(a) Plant layout
(b) Product planning and development
(c) Inventory management
(d) Channels of distribution
(e) Advertisement and sales promotion
(f) Marketing research
(g) Planning; organizing, staffing, directing and controlling
3. Company Law:
(a) Meaning, characteristics, types
(b) Memorandum and Articles of association, Pros-pectus
(c) Shares
(d) Directors
(e) Meaning and Proceedings
4. Accountancy and Cost Accounting:
(a) Concept and convention of Accounting
(b) Royalty
(c) Hire purchase system
(d) Branch Accounts
(e) Classification of cost
(f) LIFO, FIFO
(g) Wages and incentives
(h) Cost sheet
(i) Process and contract costing
5. Income Tax:
(a) Definition
(b) Residential status
(c) Types of assessment
6. Auditing:
(a) Types of auditing
(b) Vouching

(c) Valuation and Verification
(d) Company Auditor- Appointment, Qualification Rights and Duties, Liabilities
7. Indian Economy:
(a) Economic Planning
(b) Industrial Policy
(c) Economic holding and consolidation
(d) Foreign trade
(e) Balance of Payment
(f) Role of Public Enterprises
(g) Railway Transport
8. Economics:
(a) Utility
(b) Consumption
(c) Price determination
(d) Factors of production
(e) Taxation
(f) Public expenditure
9. Banking:
(a) Barter System
(b) Money
(c) Functions of Bank
(d) Reserve Bank and State Bank of India
(e) Negotiable Instrument
(f) Foreign exchange
10. Business Organization:
(a) Forms of business
(b) Scientific management
(c) Rationalization
(d) Business combirtation
11. Business Law:
(a) Contract Act - Types of contract. Essentials of a valid contract
(b) Sales of Goods Act Formation of contract, condition warranty, unpaid seller
12. Insurance:
(a) Life and General Insurance
(b) Insurable interest
(c) Principles

SPECIAL SUBJECTS (Page No. 50-52)

BIOCHEMISTRY

Biomolecules : Carbohydrates, Proteins, Lipids Nucleic acids: Classification; structure, characteristics, importance
Enzymes : Characteristics, chemical nature, properties, classification, enzyme, cofactors & prosthetic group, Allosteric enzymes, isozymes.
Intermediary Metabolism : Glycolysis, Krebs cycle, oxidative phosphorylation, gluconeogenesis, B-oxidation urea cycle.
Vitamins : Classification, importance, functions, deficiency diseases.

Hormones : Endocrine glands, functions of hormones.

Physiology : Physiological processes in mammals with special reference to man, Physiology of circulation, digestion, respiration, excretion and reproduction. Mechanism of muscle contraction, nerve impulse and reflex action.

Genetics, Cell biology and Molecular Biology :

Ultastructure of cell, structure and function of cell organelles, structure and function of DNA and RNA. Evidences which prove that nucleic acids are the genetic material. Transformation, transduction and conjugation. Mendel's laws of inheritance, linkage, crossing over and chromosome mapping, Genetic disorders. Cell cycle, cell division and DNA replication Protein biosynthesis - Transcription and translation of genetic information, Mutations and mutagenic agents.

Molecular basis of gene regulation : Scope of genetic engineering, use of restriction endonucleases, plasmids and cosmids, gene cloning, application of recombinant DNA technology in biology, medicine, industry and agriculture.

Nutrition : Fundamental concepts of nutrition -carbohydrates, proteins, fats, minerals and vitamins.

Microbiology : Fundamental concepts of microbiology : bacteria; fungi, protozoa, virus, use of bacteria in gene cloning.

Physical Chemistry : Electrolytic dissociation and activity, acids, bases and buffers, osmotic pressure, Thermodynamics, colloidal state and membrane phenomenon.

AGRICULTURAL BOTANY

Historical, symptomology, properties and nature of plant viruses, modes of transmission of plant viruses. General principle of control of viral diseases in plants. A knowledge of the common viral diseases of potato tobacco, Hibiscus, cucurbits, beans and banana.

Historical, broad outlines of morphology, reproduction , nomenclature and classification of plant pathogenic bacteria.

History of Mycology, Taxonomy and nomenclature of fungi. Origin and phylogeny of fungi. Different, systems of classification and their basis. Structure and life history of the chief representatives of fungi.

History of plant pathology. Dissemination of diseases, modes of infection symptomology, physiology of parasitism, mechanism of disease resistance, fungicides and their action.

Cell structure and function, cell wall, nucleus, mitochondria, golgi apparatus, chloroplasts and other cell organelles, their structure and function. Cell division : mitosis and meiosis.

Polyploidy: Nature and classification of Polyploidy. Heridity and environment, laws of heredity; Linkage, crossing over and mapping of chromosomes. The nature of gene and factors affecting mutation.

History of plant breeding, its present status and scope. Mode of reproduction in crop plants. Heterosis and its application.

Regional soils of India in relation to crops and their production. Secondary effects on micro flora. Physical nature of soils and water relation of soils. Concept of water requirement of crops and the critical period of water requirement of plants and its significance in crop production. Formation of usar soils and their measurement. Control of alkalinity and salinity.

Physiology of flowering, photoperiodism, verbalization and their impact on crop production. Seed formation, longevity and multiplication. Physiology and biochemistry of herbicides. Physiology of propagation. Physiology of fertilization, fruit growth and ripening. Mineral nutrition, uptake and translocation of solutes. Mutually beneficial and toxic influences of plants. Physiological role of Some major and minor elements such as N, R K, Ca, Mg, B, Mo, Mn, Zn.

A study of the botany of important weeds associated with the crop plants of U.P Methods of preventing introduction and spread of weeds. Principles and procedures of weed control Growth, inhibiting, and promoting chemicals and their composition.

Soil micro-organisms and their role in production. Principles, and practices of dry farming, special problems in dry farming mixed cropping and strip cropping in agriculture in India. Agronomic practices in relation to soil acidity and alkalnity.

Soil nitrogen losses and its restoration, Phosphorous deficiency and soil fertility. Fixation of nutrients in soil. Soil potassium in relation to soil fertility and plants growth and development. Plant production problems and methods. C/N ratio as a function of growth and development. The problems of non-irrigated soils. Tillage and its influence on plant growth.

Horticulture-importance and present position. Origin, history, breeding and production technology of important fruits such as Mango, Banana. Citrus, Guava. Papaya, Grape. Pineapple, Litchi, Pomegranate, Ber, Apple, Pear and Walnut with special reference to climate, soil, propagation, cultivars, nutrition, irrigation and other orchard management practices.

History of gardening of India. Styles of gardening, their principles and practices with special reference to Mughal, Japanese and English gardens.

Frequency distribution, mean, median and mode. Standard deviation. Test of significance : t, F and chi-square tests. Experimental design basic principles, completely randomized. Randomized block, Latin square and Split-plot designs and their analysis.

AGRICULTURAL CHEMISTRY AND SOIL SCIENCE

Theory of acid and bases, pH and its determination, buffers, oxidation, reduction, catalytic reaction, colloids & their properties, Humus and clays.

Carbohydrates nomenclature, classification, proteins-classification, physical & chemical properties. Liquids classification and properties.

Soil texture & structure. Soil moisture & its movement. Soil

chemistry : weathering of rocks & minerals, profile development. Soil forming processes, exchangeable properties of soil, organic matter-properties and its fractions. Reclamation of Soils. Quality of irrigation water. Soil fertility-macro & micro nutrients.

Manures & fertilizers-classification, mode of action & utilization.

Uptake of nutrients.

Pesticides & residual toxicity.

Enzymes classification & their mechanism of action.

Metabolism of carbohydrates, lipids & proteins.

N-fixation, Phytohormones & vitamins.

AGRICULTURAL ZOOLOGY & ENTOMOLOGY

1. General introduction to animal kingdom and various phyla with special reference to agricultural and economic importance.
2. Agricultural importance of phyto-nematodes. snails, slugs, earthworms, crabs, birds, and mammals, their distribution, habit and life cycle.
3. Identification of poisonous snakes of India. Symptoms of snake bite and its antidotes,
4. Life history and control of animal vectors of human diseases and important parasites of man animals.
5. Local fishes of economic importance, planning and implementation of fish farming, knowledge of crustacean and molluscan fisheries.
6. Rat damage to crops and plantations. Methods of its control.
7. Classification of Phylum Arthropoda upto classes: general characters and examples. Position of insects in animal kingdom. Study of characters of insect orders of economic importance.
8. Life history, rearing methods of some useful insects viz. honeybee, silk worm and lac insects.
9. Insect morphology integument and its structure, regions, sclerites. segmentation of head : Its appendages, structure and function : modification of antennae and mouth parts of insects. Study of insect thorax and its appendages including genitalia.
10. Anatomy of grasshopper, digestive, respiratory, excretory, circulatory, reproductive, nervous system and sense organs.
11. Post embryonic development of insect, ecdysis, instars. metamorphosis, types of larvae and pupae.
12. Pest management: principle of integrated Pest management, concept, and procedure. Physical, mechanical, chemical, biological, and legislative control of insects. Insecticide poisoning and its antidotes.
13. Concept and importance of wild life conservation in relation to ecology and environment.

MASS COMMUNICATION

1. General awareness including constitutional matters, current affairs, public debates on matter of polity, economy, science & technology. Awareness of International Development and their impact of Indian society.
2. Exposure to issue and debates covered by print media, television news channels and radio. General understanding of Indian Art, Culture, National movements and Cinema.

NEW COURSES ADDED (Pages No. 52-59)

Sl No.	Subject Name
30.	M.F.A. (Master in Fine Arts)
31.	M.Sc. in Cognitive Science
32.	M.A. in Theatre & Film
33.	Master in Development Studies
34.	M.Sc. in Material Science
35.	Integrated M.Tech. in Earth System Sciences
36.	M.Sc. in Bioinformatics
37.	M.Sc. Environmental Science
38.	M.Sc. in Textile and Apparel Designing

M.F.A. (Master of Fine Arts)

Specializations: (i) Applied Arts (ii) Animation (iii) Sculpture (iv) Painting (v) Graphics (vi) Textile Design

No. of Seats :   The number of seats in MFA is: 26 (Applied Arts 04, Animation 04, Sculpture 04, Painting 06, Graphics 04 and Textile Design 04)

Reservation will be made according to the rules of the Central University of Allahabad.

Admission Procedure

The admissions shall be made on the basis of merit in entrance test. Applicants shall also be required to appear in practical, written tests containing 200 marks. The merit list for admission shall be determined on the basis of both written, practical test and interview. Interview will take place by the Department only of passing out applicants in written and practical tests. Interview shall comprise of 50 marks. List of selected applicants shall be announced next day of the conclusion of the interview test. 40% marks shall be the minimum passing marks separately for written and practical entrance tests. The entrance Test shall be held as below.

(a)   Written Paper common for all stream (objective type) containing 100

Questions of 100 marks of 90 minutes duration.

(b)   Practical test for specialized area (Applied Arts, Animation, Graphic,

Sculpture, Painting, Textile) of 100 marks of 3 hours duration.

Eligibility criteria

A candidate who has passed B.F.A degree course with Applied Arts, Sculpture, Graphics, Textile Design and Painting with specialized area from a recognized University or equivalent examinations thereto with 55% marks in aggregate and not of more that 27 years of age by June 30, shall be eligible to apply for admission to the First Semester of M.FA Degree. Candidates who have to their credit BFA in Painting, with Graphic or Textile of Allahabad University

will be considered eligible for admission in Graphic/ Textile Design stream.

Course structure

The Duration of the course leading to the degree of M.F.A. shall be of two academic years, comprising of four semesters. Each academic year shall be divided into two semesters i.e. July to mid-December, mid-December to May

The Examination for First & Third Semester shall ordinarily be held in mid-December and Second & Fourth Semester in May

Syllabus for Admission test

Written Paper

- Aesthetics & Art Appreciation
- History of Western Art (Pre-history to Modern)
- History of Indian and Art (Pre-history to Modern)
- Method and material of Painting, Sculpture, Applied Art, Computer Graphics, Textile and Printmaking.
- Current Trends in art scenario. Impact of Technology, Art Market.

Practical test for specialized area

(For practical exam topic will be given at the time of practical examination)

Applied Arts - Story Illustration for Print media with manual and Computer.

Animation - Strip for 2D Animation manual and Computer

Graphic   - Wood Cut Print making in three colour

Sculpture   - Life Modeling in clay

Painting   - Life Drawing with charcoal/Pastel

Textile   - Design ideas in textile design with poster colour

(For Practical test: only half imperial size paper/ply/printing ink/clay will be given)

M.A. Theater & Film

No. of Seats : 10

Admission Procedure : Written exam and interview

Eligibility criteria : Graduate (any stream)

Course structure : Semester system (2 years – four semesters)

Syllabus for Admission test : No prescribed syllabus. Questions are based on general awareness about film and theatre.

Master in Development Studies

Objective: The objective of the Programme is to develop basic understanding of the theoretical and methodological perspectives about Globalization and Development. The programme will endeavor various aspects of processes of globalization as well as would focus on nuanced analysis of development paths and models. The programme would also enable students to have an exposure to process of social science research through project work. Moreover, the programme focuses on three major fields of specialization namely, Development, Globalization and Rural Societies; Urban Planning and Development and Corporate, Governance and Development. The programme also has three specialized modules. Each module consists of a set of three

courses enabling the students to acquire further specialized knowledge in different fields of development studies. The programme develops a comparative understanding of the development issues pertaining to Latin America, Asia and Africa.

Duration of the Course: Four Semesters, each of six months duration.

Number of Seats: 20 (Twenty).

Eligibility criteria for admission: Graduate in any discipline.

Admission Procedure: Admission to this course would be made on the basis of Post Graduate admission test conducted by the University of Allahabad. Students should appear in the All India Entrance Test of University of Allahabad for M.A. or M.Sc. or M.Com., depending upon their stream in under graduation. Only those securing more than 55% marks in the Entrance Test would be considered for admission, provided they have filled the option for this programme in the application form.

M.Sc. in Cognitive Science

No. of Seats : 23

Admission Procedure : Written Test (Objective + Descriptive) followed by an Interview

A. Objective Type Question (10 questions each on the following topics)
   a) Numerical Ability
   b) Principles of Computing
   c) English Comprehension
   d) General Reasoning
   e) Principles of Cognitive Psychology and Neuroscience

B. Descriptive Type Questions
   Answer any five out of nine questions

C. Interview

Note:

An Interview is conducted for applicants who qualify in the written test. The interview is both technical and personal.

Train ticket (II sleeper non AC) by the shortest route from your residence to Allahabad, which is refundable by the Centre on production of original (used)/photocopy of the unused train/Bus tickets on the date of Interview (if he/she called for the Interview).

Eligibility Criteria:

Students who have completed a Bachelors degree in Behavioural/Cognitive Science or related disciplines including Psychology, Neuroscience, Biosciences, Mathematics, Physics, Engineering, Medicine, etc. are eligible to apply for admission to the Master program.

Students should have at least 55% (for General) at the Undergraduate level (50% for OBC/SC/ST) for appearing in the entrance exam. A written entrance test followed by interview is conducted for the purpose of selection.

Syllabus for Admission Test

The Test will consist of two Sections. The first Section will consist of objective type questions and will cover the following areas:

A. English Comprehension
B. General Reasoning
C. Numerical Ability
D. Principles of Computing
E. Principles of Cognitive Psychology and Neuroscience

The second Section will consist of descriptive answer type questions (Approx 500 words) in the areas of Cognitive Psychology, Computer Science, Linguistics, Neuroscience and Philosophy.

Syllabus for Descriptive Answer Type Questions

Principles of Cognitive Psychology and Neuroscience

A. Cognitive Psychology

Perceptual processes, object recognition, attention, working memory, long-term memory, different types of long-term memory, mental imagery, language comprehension and production, language development, problem solving, decision making and cognitive development.

B. Neuroscience

Structure of neurons, glial cells, action potential, synapse, synaptic transmission, neurotransmitters, anatomical organization of the nervous system, sensory systems, neural basis of learning and memory.

Suggested Readings:

Thagard, P. Mind: An introduction to cognitive science, PHI.

Eysenck, K. (2002). Cognitive Psychology: A student's handbook. Sussex: Psychology Press.

Solso, R. L., Maclin, K. M., & Maclin, O. H. (2005). Cognitive Psychology. NY: Pearson.

Longstaff, A. (2002). Neuroscience. New Delhi: Viva Books Private Limited.

George, Y. The Study of Language. New Delhi. Cambridge University Press India.

C. Principles of Computing

Values and their representation, operations on values, data-types, control statements, data structures, functions, pointers, Basic algorithms.

Suggested Reading(s)

Yashavant P. Kanetkar. Let Us C., Infinity Science Press; 8 edition (1 Mar 2008)

M. Sc. - Material Science

About the Course:

Materials Science is a multidisciplinary subject area focusing on preparation and characterization of materials for hi-tech applications e.g. Memory Devices, Sensors, Displays, Light Energy harvesting, and other electronic applications. Forth coming generation belongs to multifunctional artificial intelligent materials. Materials Science builds on combined elements of Physics, Chemistry and Electronics. It helps students to acquire theoretical and experimental skills to understand the material properties and its applications. Such courses are highly relevant to present days high tech society needs.

During the course, graduates will receive practical experience in advanced technology material synthesis and their characterization with the proper background of Physics and Chemistry. Various courses help to formulate, design and make use of the materials for various classical to advance products. Material Science degree will provide the graduates appropriate background to find employment mainly in the exciting field of electronic materials including nano materials.

Graduates are mainly employed in manufacturing industries especially in electronic and other allied products which open huge employability in India and abroad. They may go for further advanced study like M. Tech./M. Phil. and Ph. D. to gain highly specialized training. Scientific and technical research positions in various national and international research laboratories and teaching in public institutions are further areas of employability.

No of seats : 15

Eligibility Criteria

Candidate should be B. Sc. with Physics or Chemistry as one subject in III year. Provided he/she has Mathematics as one subject at least upto II year.

Course structure :

Programme shall be of the duration of two academic years and spread into four semesters. Each semester will correspond to 15-17 week duration. Course will consist of theory followed by laboratory practice, spread over all the four semesters and a major project work in 4th semester (leading to publication in appropriate journals).

Admission Procedure :

Admission Test.

Questions will cover 20% from Mathematic (Compulsory-Section I) and 80% either from of the Physics or Chemistry (Section II). Some questions may be objective (with multiple correct answers) and rest short answers.

Syllabus for the admission Test:

Broad Topics Appended. It will cover average topics taught at UG level in Indian Universities.

Section – I (Common for all categories)
Mathematics:
- Functions, Differentition, Application of Derivatives, Definite and Indefinite Integrals, Limit and Continuity, Differential equations (first order and second order), Curve of simple functions, Scalar and Vector products. Reciprocal vectors. Vector Differentiation, Gradient, Divergence and curl. Vector integration. Theorems of Gauss, Stoke's and problems based on these.

Section – II
Physics:
- Thermodynamics, Kinetic Theory of Gases, Conduction of Heat and Radiation.
- Motion under central forces, Mechanics of nonrigid bodies, Elastic properties,Fluid Mechanics.
- Electrical Circuits: AC, DC and transient behaviour.
- Semiconductor Electronics including photonics and digital electronics
- One dimensional motion in non dispersive media, Ultrasonics.
- Electrostatics in free space and in dielectric media, Electric Current, Magnetostatics, Time varying Fields, Electromagnetic waves in free waves, Physical optics.
- Atomic Physics, X-ray, Vibrational and Rotational spectroscopies, UV-visible spectroscopies.
- Need of quantum mechanics, observables and operators, Schrödinger equation and its simple applications upto hydrogen like atoms.
- Crystal Structure, Reciprocal Lattice, Interatomic forces and classification of solids, Free electron theory and band gap of solids, Electrical and Magnetic properties of Materials.

OR

Section – III
Chemistry:
- Quantum Chemistry: Observables and Operators, Schrödinger equation and its simple applications upto hydrogen like atoms.
- Chemical Bonding, Valence bond theory, Molecular orbital theory.
- Properties of s and p blocks, Transition and inner transition elements.
- Coordination compounds, Complex Formation.
- Fundamentals of organic chemistry, Hybridization, Inductive, Electrometic, Resonance and hyperconjugative effects. Huckel's rule, Stereo Chemistry of carbon compounds, isomerism, elements of symmetry, R,S-System of nomenclature, Methods for determination of reaction mechanism, Chemistry of Functional groups, Inductive, electromeric, conjugative effects and resonance.
- UV-visible, Vibrational and Rotational spectroscopies, Nuclear Magnetic Resonance Spectroscopy.

- Chemical Kinetics: zero, first, second and third order reactions.
- Chemical Thermodynamics and Chemical Equilibria.
- Electrochemistry, reversible electrodes, Electrode reactions, Nernst equation, determination of cell E.M.F, Concentration Cells, Acid-Base concepts.
- Photochemistry: Lambert-Beer law, Jablonski diagram.
- Gaseous state, Isotherm, the law of corresponding states, Maxwell's distribution, Liquid State.
- Solid State Chemistry, space lattice, unit cell, Symmetry elements, Lattice planes and Miller indices, X-ray diffraction.

Integrated M. Tech. In Earth System Sciences

No. of Seats : 15
Syllabus For Entrance Examination

Statistical Distributions, Probability, Curve fitting, Correlation, Regression, Mean, Variance, Analysis of variance, Significance tests, Fundamentals of computers and programming, Knowledge of different operating systems, Numerical Methods, Ordinary and Partial Differential Equations, Basics of Atmosphere and Ocean, Weather and Climate, Composition and structure of atmosphere, Themodynamics of the atmosphere, Laws of thermodynamics, Heat budget, Properties of seawater, Temperature, Salinity, Density, Conductivity, Indian Monsoon, Ecological Principles, Molecules and their interaction relevant to Biology.

Eligibility for Admission and Duration of Course:

(a) For admission to the integrated M. Tech. programme, the applicant must have a master's degree in Physical Sciences/Mathematical Sciences/Chemical Sciences/Life Sciences/Geosciences/any cognate discipline or a B. Tech./B.E. with marks/CPI not below the 55% marks/5.5 (on a 10 point scale) (50% for SC/ST candidates) for appearing in the entrance exam.

(b) Preference shall be given to the applicants who have a valid GATE score or have cleared UGC-CSIR (JRF) NET.

(c) Minimum duration of M. Tech. programme is 4 semesters.

(d) Reservation of seats for various reserved categories shall be made as per the existing guidelines of UGC/ University of Allahabad.

(e) Candidates working in a research and development organization on permanent basis in the field of Earth System/Cognate disciplines, may be sponsored by his/ her employer for direct admission to the Integrated M. Tech. programme. The sponsoring organization must specifically undertake to provide full salary to the candidate and to relieve him/her to pursue the programme for its full duration.

Admission Test

1. 15 Short type questions to be answered in 50 words (15 x 15 = 225 mards)
2. 3 Medium question to be answered in 150 words (25 x 3 = 75 marks)   Total = 300

M.Sc. in Environmental Sciences

No. of Seats: **31** (19 + 12)

Admission Procedure:

There shall be an intake of a total of **31 students** in the First semester of the course. Out of the total seats, **60% (19 seats)** shall be assigned to the NRI/ NRI sponsors/ Industry sponsored/ Paid seat categories. Candidate belonging to these categories shall be admitted in order of merit prepared on the basis of the aggregates marks (excluding marks obtained in the practical examination) scored by the candidate at the Bachelor's degree examination. They are not to appear in the Entrance Test. Admission to the remaining seats, **40% (12 seats)** shall be made by Entrance Test in order of merit prepared on the basis of a written Entrance Test.

Reservation will be made as per Government rules.

Eligibility Criteria:

a. A candidate who has passed/ appeared in Bachelor's degree (10 + 2 + 3) examination with science subject from a recognized University, and has secured not less than 50% marks on the aggregate, is eligible to apply for Admission to this course.

Provided that requirement of a minimum of 50% marks is not applicable in case of SC/ST candidates.

b. A candidate who has passed or appeared at the above examination with Science group is eligible to apply for the Admission in M.Sc. Environmental Sciences.

Course Structure: 4 semesters (Two years).

Syllabus for Admission Test:

The written Test for admission to the Master's Programme in Environmental Sciences is designed to assess interest of the candidate and his/ her basic knowledge in the fields of Botany, Zoology, Statistics, Chemistry and Environmental Sciences.

There will be a three hours written test for 300 marks. The test will consists of 3 sections. The first section will consist of 50 objective type questions, the second section will consist of short answer types questions and third section consist of long answer types questions in the areas of Botany, Zoology, Chemistry, Statistics, Physics and Environmental Sciences.

GUIDELINES:

1. 10 Objective type questions with 4 options (a,b,c & d). 10 x 2 marks

2. 02 Short answer type questions (to be answered in 50 words each).
   02 x 10 marks

3. 01 Medium answer type question (to be answered in 100 words). 01 x 20 marks

M.Sc. Textile and Apparel Designing

No. of Seat : 10

Eligibility criteria : B.Sc., B.A., B.Sc. (Home Science)

From the given syllabus 50 objective type questions with multiple choice will be asked in Section A . In Section B 8 essay type questions will be asked out of which 5 questions have to be attempted. MM 200

DESIGN

1. Types of Design
2. Principles of Design
3. Element of Design-Line, Texture Colour
4. Fashion
5. Techniques in pattern making
6. Fitting

I - TEXTILES CHEMISTRY

1. Introduction
2. Natural Fibres,
3. Man made Fibres
4. Yarn Construction
5. Fabric construction
6. Fabric Finishes-Dyeing, Applied designs, Woven Designs,Traditional textiles of India.
7. Fabric Care- Laundering, Dry-cleaning

II - FOOD AND NUTRITION

1. Nutrition
2. Minerals
3. Vitamins
4. Food
5. Foods groups
6. Cereals
7. Pulses and Legumes
8. Method of Sprouting
9. Vegetables and Fruits

III - HUMAN AND FAMILY DEVELOPMENT

Understanding the concept of child development and child study Introduction of child development

1. Importance of Child study-History and scope

Theories of child study-

1. Sigmund Freud-Psycho sexual development
2. Erickson-Psychosocial development
3. Bandura's Social Cognitive Theory
4. Jean Pragets-Cognitive State Theory

2. Basic Factors in development
3. Stages in the life cycle
4. The prenatal stage
5. How life begins
6. Conception and its importance
7. Hazards during the pre-natal period

Pregnancy-systems of pregnancy-

a) Infancy
b) Babyhood
c) Childhood (Early middle and late)
d) sibling relationship

e) Parent child relationship

f) Pre- school education through nursery school- Types of nursery school

g) play

h) normal behaviour problems, Puberty.

IV - DEVELOPMENTAL PSYCHOLOGY

1. Adolescence

2. Adult-hood (Early & Late)

3. Divorce

4. Middle-age

5, Late Middle age, Old Age.

V- EXTENSION EDUCATION

1. Home Science Extension Education

2. Extension Methods, Tools & Techniques

3. Programme Planning

4. Home Science Extension Workers

5. Rural sociology & its importance for the extension worker, leadership

7. Community development & National Extension Services in India

M.Sc. Bioinformatics

No. of Seats : 20

Admission Procedure:

Admission to this course will be done on the basis of entrance Examination that shall comprise a Written Test (150 Marks) and an Interview (50 Marks).

The written Test will be conducted in two papers, one Compulsory (A) and one optional , (B or C) each carrying 75 Marks.

Each Paper will be conducted in two papers, one Compulsory paper (A) will be given in the morning (11 AM to 1 PM) The optional Papers B and C will be given in the afternoon (2:30 PM to 4:30 PM).

The Compulsory Paper (A) would test the knowledge of candidate in computers, and in human Genome Project and aptitude for Bioinformatics as well as general awareness in the areas of Molecular Biology, Microbiology, Biochemistry, Biotechnology etc.

The optional Paper B will be given to the students with the subject Combinations as in 1.1 a-c and would comprise questions from Chemistry, Botany and Zoology.

The optional Paper C will be given to the students with the subject combinations as in 1.1 d-f and would comprise questions from Physics and Mathematics.

In each paper, there will be 25 Objective-type (Multiple Choice) questions carrying one mark each, and 10 Subjective-type (Short answers) carrying 5 marks each.

There will be negative marking for all the incorrect answers tendered for the Multiple Choice questions at half mark per question.

Candidates will be selected solely on the basis of their performance in the written test.

The order of Merit shall be determined on the basis of computed total of the candidate. There shall be separate Merit lists for candidates belonging to general category and

for those of reserved categories, as per reservation rules of the Central University.

Eligibility Criterion:

The Course for M.Sc. in Bioinformatics will be open those student who have passed the B.Sc. Examination of this University or any other University recognized by this University with the following combinations with 55% of the marks.

(a) Zoology, Botany, Chemistry

(b) Zoology, Chemistry, Biochemistry

(c) Botany, Chemistry, Biochemistry

(d) Mathematics, Physics, Chemistry

(e) Mathematics, Physics, Computer Science

(f) Mathematics, Physics, Statistics

Those who have passed B.Sc. with Molecular Biology, Cell Biology, Microbiology, Biotechnology, Biophysics, Biochemistry, Structural Biology, as one of the subjects can also apply.

B.Sc. (Applied Science) students with at least 55% aggregate marks are also eligible to apply.

Syllabus for Admission Test:

The Written Test will be conducted in two Papers one Compulsory (A) and one Optional (B or C) each carrying 75 marks.

Each paper will be of 2 hours duration. The Compulsory Paper (A) will be given in the morning (11 AM to 1 PM) The Optional Papers B and C will be Given in the afternoon (2:30 PM -4:30 PM).

The Compulsory Paper (A) would Test the knowledge of candidates in Computers, and in human Genome Project and Aptitude for Bioinformatics as well as general awareness in the areas of Molecular Biology, Microbiology, Biochemistry, Biotechnology etc.

The optional Paper (B) will be given to the students with the Subject combinations as in 1.1 a-c and would comprise questions from Chemistry, Botany and Zoology.

The optional Paper (C) will be for those with subject combinations as in 1.1 d-f. and would comprise questions from Physics and Mathematics.

In each Paper, there will be 25 Objective-type (Multiple Choice) questions carrying one mark each, and 10 Subjective-type (Short answers) carrying 5 marks each.

There will be negative marking for all the incorrect answers tendered for the Multiple Choice questions at half mark per question.

Table - II

Numeric Codes For Under Graduate (B.A./B.Sc./B.Com. III) Subjects

Subject in B.A./B.Sc. III Year	Numeric Code	Subject in B.A./B.Sc. III Year	Numeric Code
Ancient History	01	Physics	17
Economics	02	Zoology	18
Education	03	Computer (Comp. Sc./Comp. Appl./Comp. Maint.)	19
English Literature / Language	04	Geology	20
Hindi	05	Anthropology	21
Medieval Modern History	06	Defence Studies	22
Music (Vocal, Sitar, Tabla)	07	Geography	23
B. Music (Vocal, Sitar, Tabla)	08	Mathematics	24
Painting	09	Psychology	25
Philosophy	10	Statistics	26
Political Science	11	Commerce	27
Sanskrit	12	Bio-Chemistry	28
Sociology	13	Agricultural Botany/Chemistry/Zoology	29
Urdu	14	Mass Communication	30
Botany	15	Other Subjects	00
Chemistry	16		

PGAT 2012 PROGRAMME

Notice : Candidates are advised to be present at the examination center on the scheduled time according to the time table given below:

Examination Day & Date	Reporting Time	Exam	Course
Wednesday 6th June 2012	7:00 AM	7:30 AM to 10:30 AM	M.A., (Sociology & M.Mus.)/ M.Sc. except Anthropology & Biochemistry
	8:30 AM	9:00 AM to 10:30 AM	Candidate having Graduation with Honours/ Candidate having Anthropology or Biochemistry at B.A. or B.Sc Part III Level and candidates appearing in only one subject.
Thursday 7th June 2012	7:00 AM	7:30 AM to 9:00 AM	M.Com./M.A. or M.Sc. in Anthropology / M.Sc. Ag. (bot./Chem./Zoo.)/M.Sc. Biochemistry
	9:30 AM	10:00 AM to 11:30 AM	M.A. Mass Communication
Friday 8th June 2012	7.00 AM	7.30 AM to 10.30 AM	M.Sc. (Textile & Apparel Designing) M.Tech (Earth & System Science), M.Sc. (Behavioral & Cognitive Science), M.Sc. (Material Science), M.Sc. (Bio-informatics), M.Sc. (Applied Geology), M.A. (Theater & Film)

*Note:

1. An Applicant who has studied Anthropology as one of their subjects at B. A./B.Sc. III level will get entry in the examination hall at 8:30 AM on 06.06.2012 for appearing in the other subject offered by the applicant.
2. An applicant who has studied Bio-Chemistry as one of their subjects at B.Sc. III level will get entry in the examination hall at 8:30 AM on 06.06.2012 for appearing in the other subject offered by the applicant.
3. Those applicants who have undertaken B.A./B.Sc. (Honours) degree course will be allowed to appear only in one subject and their entry in the examination hall is permitted at 8:30 AM on 06.06.2012
4. Those applicants who are appearing in only one subject will get entry in the examination hall at 8.30 AM on 06.06.2012 & 08.06.2012

Date of sale of admission forms : 27th April, 2012 to 7th May, 2012 from 10:00 AM to 2:00 PM
(Through Pravesh Bhawan, University of Allahabad, Allahabad, on all working days)

Date of submission of admission forms : 27th April, 2012 to 7th May, 2011 from 10:00 AM to 4:00 PM
(By hand at Pravesh Bhawan, University of Allahabad, Allahabad, on all working days

Note : No Form will be accepted after the last date.

Admit Cards can be downloaded from 15th May 2012

Prof. B.N. Singh
Director Admissions-2012