

1

Shivaji University, Kolhapur
M. A. ENGLISH (Entrance Examination)
Faculty Change

Total Marks-100

- | | |
|------------|---|
| Unit No. 1 | Reading Comprehension
1 Prose
2 Poetry |
| Unit No. 2 | A study of major literary forms
1 <i>The Novel</i>
2 <i>The Drama</i>
3 <i>The Poetry</i> |
| Unit No. 3 | Essay Writing
1 <i>Informative</i>
2 <i>Imaginative</i>
3 <i>Reflective</i>
4 <i>Analytical</i> |
| Unit No. 4 | Grammar
1 <i>The Study of articles, and tenses</i>
2 <i>Use of prepositions</i>
3 <i>The Study of tenses</i>
4 <i>Active voice Passive voice</i>
5 <i>Remove ' too'</i>
6 <i>The Study of interrogative, assertive, negative, sentences</i>
7 <i>As soon as..... No sooner than</i>
8 <i>The Study of Degree</i>
9 <i>The Study of subordinate conjunctions</i> |

(Pattern of Question Paper)

Total Marks-100

Q.1	A	Comprehension of a prose passage with the help of questions testing the literacy aptitude of students	15 Marks
	B	Comprehension of a piece of poetry	15 Marks
Q.2		A study of major literary forms	30 Marks
	1	The Novel	
	2	The Drama	
	3	The Poetry	
		(2/3 essay type questions will be set)	
Q.3		An essay in about 500 words on any one of the followings topics	20 Marks
Q.4	A	Use of articles, prepositions and tenses (Fill in the blank type of items)	10 Marks
	B	Do as directed	10 Marks
	1	Change the voice	
	2	Remove ' too'	
	3	Make interrogative	
	4	As soon as..... No sooner than	
	5	Exclamation	
	6	Change the degree	
	7	Assertive	
	8	Negation	
	9	Affirmation	
	10	Use of subordinate / coordinate conjunctions	

Recommended Books

- 1 R.J.Rees, English Literature An Introduction for Foreign Readers- Mcmilan
- 2 K.R. Shrinivas Iyengar & Prema Nandkumar Introduction to the Study of English Literature
- 3 Thomson & Martinet, A Practical English Grammar, (E.L.B.S.)
- 4 B. Prasad, A Background to the study of English Literature
- 5 V.S. Seturaman, C.T. Indra & T. Shriraman Ced. Practical Criticism

Note:- Minimum 40% marks are required for passing

शिवाजी विद्यापीठ कोल्हापूर

एम.ए. प्रवेश परीक्षा पाठ्यक्रम हिंदी

1. निबंध लेखन—हिंदी भाषा तथा साहित्य से संबंधित पाँच विषयों में से एक विषय पर निबंध लेखन !
2. हिंदी साहित्य के इतिहास का सामान्य परिचय : निम्नलिखित साहित्यकारों के आधार पर !

अ) प्राचीन कवि : 1) कबीर 2) सूरदास 3) तुलसीदास 4) मीराबाई 5) बिहारी 6) भूषण

ब) आधुनिक कवि

1) जयशंकर प्रसाद 2) सुमित्रानंदन पंत 3) सूर्यकांत त्रिपाठी 'निराला'

4) महादेवी वर्मा 5) हरिवंशराय बच्चन 6) रामधारीसिंह 'दिनकर'

उपन्यास/नाटक

— 1) प्रेमचंद 2) यशपाल 3) कमलेश्वर 4) राजेंद्र यादव

कहानीकार :- 1) प्रेमचंद 2) मन्नू भंडारी 3) हरिशंकर परसाई 4) ओमप्रकाश वाल्मीकि

3. पाठ्यपुस्तक : उपन्यास, कहानी, नाटक अथवा कविता इन विद्याओं में से किसी एक विधा की पाठ्यपुस्तक नियुक्त की जाए और उस पर दो प्रश्न पूछे जाएँ, इनमें एक प्रश्न निबंधात्मक (अंतर्गत विकल्प के साथ) पूछा जाए और दूसरा प्रश्न टिपणियाँ को पूछा जाए !

पाठ्यपुस्तक : विद्या उपन्यास : अनबीता व्यतीत, कमलेश्वर

Book's Recommended

1. हिंदी साहित्य का इतिहास - इजारीप्रसाद द्विवेदी
2. हिंदी साहित्य : युग और प्रवृत्तियाँ- शिवकुमार शर्मा
3. 125 हिंदी निबंध -लेखक - तनसुखराम गुप्त प्रकाशक- सूर्य प्रकाशन, नई सडक, दिल्ली !
4. हिंदी साहित्य का इतिहास -लेखक - लक्ष्मीसागर बाबोय

प्रश्न 1	पाँच विषयों में से किसी एक विषय पर निबंध!	20
प्रश्न 2	'अ' विभाग पर अंतर्गत विकल्प के साथ निबंधात्मक प्रश्न	20
प्रश्न 3	'ब' विभाग पर अंतर्गत विकल्प के साथ निबंधात्मक प्रश्न.	20
प्रश्न 4	नियुक्त पाठ्यपुस्तक पर निबंधात्मक प्रश्न (अंतर्गत विकल्प के साथ)	20
प्रश्न 5	टिपणियाँ लिखिए (3 में से 2 पर) (नियुक्त पाठ्यपुस्तक पर आधारित)	20

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२. मराठी

१. निबंधलेखन

गुण ३०

विविध पाच विषयावर निबंध विचारले जातील त्यापैकी एक विषय वाङ्मयीन स्वरूपाचा असेल, विचारलेल्या विषयापैकी एका विषयावर निबंध लेखन करणेचे आहे.

२. मराठी वाङ्मयाच्या इतिहासाची स्थूल रूपरेषा पुढील साहित्यिकांच्या आधार

अ) प्राचीन

गुण २०

१) ज्ञानेश्वर, २) नामदेव, ३) एकनाथ, ४) तुकाराम, ५) रामदास १.

ब) अर्वाचीन

गुण २०

१) कादंबरी : १) बाबा पद्मनजी, २) भा. वि. वरेरकर, ३) कुसुमावती २. देशपांडे

२) नाटक : १) किलोरेकर, २) मो. ग. सांगणेकर, ३) विजय तेंडुलकर

३) कथा : १) गंगाधर गाडगीळ, २) शंकर पाटील, ३) द. मा. मिरासदार

४) काव्य : १) बालकवी, २) भा. सा. तांबे, ३) नारायण सुर्वे

(वरील अ व ब या विभागावर प्रत्येकी २० गुणांचे दोन प्रश्न अंतर्गत विकल्पासह विचारले जातील)

३. कथा, कादंबरी, नाटक अथवा काव्य या वाङ्मयप्रकारांपैकी एका वाङ्मयप्रकारातील

संग्रह । संपादन अशा स्वरूपाचे पाठ्यपुस्तक नेमण्यात यावे व त्यावर प्रत्येकी

१५ गुणांचे दोन प्रश्न अंतर्गत विकल्पासह विचारले जातील.

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(गुण १५ अधिक १५)

नेमलेले पाठ्यपुस्तक : रसयाना - कुसुमाग्रज, संपा. बोरकर, वैद्य

संदर्भग्रंथ

१) पाच संत कवी - शं. गो. तुळपुळे

२) प्राचीन मराठी वाङ्मयाचे स्वरूप - द. श्री. शेणोलीकर

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३) प्राचीन मराठी वाङ्मयाचा इतिहास - ल. रा. नसिराबादकर

४) मराठी वाङ्मयाचा विवेक इतिहास खंड १ व २ - प्र. न. जोशी

५) आधुनिक मराठी वाङ्मयाचा इतिहास - भाग १ व २ - अ. ना. देशपांडे

६) प्रदक्षिणा - कॉन्टिनेन्टल प्रकाशन.

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5. KANNADA

Section - I

Study of the Prescribed Portion of three Texts each to represent Old, Medieval and Modern Kannada Poetry.

Section-II

- 1) Vaddaradhane - D. L. Darasimhachav
- 2) Prabhulinga Leele - R. C. Hiremath
- 3) Kartuvevu Naavu - Gopal Krishna Adiga.

SCHEME OF MARKS

Section-I

- 20 1) One question of each of the texts with internal option regarding critical evaluation of the work and style. 45
15 + 15 + 15
- 20 2) One question on reference to context. 15

Section-II

- 3) One question on the trends and the movements of the Kannada Literary - History. 20
- 4) To identify the Authoris and their works 20

8. संस्कृत

9) अ) General Knowledge of the following works :

40

ऋग्वेद, मुद्रा रत्नसिंधु

ब) General Knowledge of the following authors:

भारत, कालिदास, शूद्रक, भवभूती, बाणभद्र, जयदेव.

२) श्रीमद्भगवद्गीता

30

३) नीतिसारक

20

The following portion is prescribed.

1. Essay on Literary and General topics.
2. Translation. (English into Urdu)
It should not be about 100 words and should be as far as possible rounded whole in its thought contents.
3. Translation : (Urdu into English)
4. Paraphrase :

6. URDU

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The student is expected to understand the meaning of a given poem.

5. Precise-Writing : The student is expected to make 1/3 (One-third) of the given passage.

Distribution of Marks

- | | |
|--------------------|----------|
| 1. Essay | 30 Marks |
| 2. Translation | 20 Marks |
| 3. Translation | 20 Marks |
| 4. Paraphrase | 15 Marks |
| 5. Precise-Writing | 15 Marks |

7. ANCIENT INDIAN HISTORY, CULTURE & ARCHAEOLOGY

1. SOURCES :

- Archaeological Sources
- Inscriptions, coins, excavated remains
- Literary sources
- Hindu literature, Jaina literature, Buddhist literature, Travel accounts.

2. PREHISTORIC AND PROTOHISTORIC INDIA :

- Palaeolithic and Mesolithic Age
- Neolithic and Chalcolithic Age.
- Cultural development during Prehistoric and protohistoric period.

3. INDUS VALLEY CIVILIZATION :

- Town planning
- Social, economic and religious life
- Legacy of Indus valley civilization.

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VEDIC AGE :

- God and Goddesses
- Sacrifice system
- Social conditions
- Varnashramas
- Samskaras
- Position of Women
- Economic conditions

JAINISM AND BUDDHISM :

- Life of Mahavir and Gautam Buddha
- Their teaching
- Sects in Jainism and Buddhism.

PRE-MAURYAN PERIOD :

- Persian and Greek invasion
- Sixteen Mahajanapadas
- Rise of Magadh Empire

MAURYAN EMPIRE :

- Political and Administrative Contribution of Chandragupta
- Cultural contribution of Ashoka
- Mauryan Administration

GUPTA EMPIRE :

- Political and cultural contribution of Samudragupta and Chandragupta - II
- Cultural Development during the Gupta Period
- Post Gupta Period

ARCHITECTURE IN ANCIENT INDIA :

- Rock-cut Architecture
- Stupa Architecture
- Temple Architecture in North and South India.

10. SCULPTURE AND PAINTING IN ANCIENT INDIA :

- Gandhar School of Art
 - Mathura School of Art
 - Ajanta Painting
- Recommended Books**
1. Mujumdar, R. C. and Pusalkar, A. D. (Ed.), 1950, The Vedic Age : opic No. 2 : Renaissance, Reformation and Geographical Discoveries. Bharatiya Vidya Bhavan, Bombay.
 2. Shastri, K. A. N. and Shrinivaschari, G., 1970, Advanced History of India, McMillan and Co., London.
 3. Shastri, K. A. N., 1966, History of South India (IInd Ed.), Motilal Banarasidas, Banaras.
 4. Raychoudhari, H. C., 1950, Political History of Ancient India (5th Ed.), University of Calcutta, Calcutta.
 5. Thapar, Romila, 1973, Ashoka and the Decline of Mauryas (2nd Ed.), Oxford University Press, Oxford.
 6. Dhavlikar, M. K., 1997, Protohistory of India, Books and Books, New Delhi.
 7. Bhide, G. L., 1996, Prachin Bharat, Phadke Prakashan, Kolhapur (Marathi).
 8. Mate, M. S., Prachin Bharatiya Kala, Continental Prakashan, Pune (Marathi).
 9. Deglurkar, G. B., Dhavlikar, M. K., and Gaikwad, R. D., Prachin Bharatacha Sanskrutik Itahas, Continental Prakashan, Pune (Marathi).
 10. Deo, S. B., Puratatvavidya, Maharashtra Grantha Nimitti Mandal, Nagpur (Marathi).
 11. Bhide, G. L., Prachin Bharatiya Samajik Sansthancha Itahas, Phadke Prakashan, Kolhapur (Marathi).
 12. Gayadhani and Rahurkar, Prachin Bharatacha Itihasa, Continental Prakashan, Pune (Marathi).

8. HISTORY

OUTLINE OF WORLD HISTORY

- opic No. 1 : Ancient Civilizations - India, China, Egypt, Greece and Rome.
- opic No. 2 : Renaissance, Reformation and Geographical Discoveries.
- opic No. 3 : Grand Monarchs - Akbar, Shivaji, Louis the 14th, Peter the Great, Fredrick the Great.
- opic No. 4 : Revolutions - American (1776), French (1789), Industrial Revolution and Russian Revolution (1917).
- opic No. 5 : Growth of Nationalism and Democracy in the 19th Century - Italy, Germany and England.
- opic No. 6 : Modern Imperialism - Causes and Effects.
- opic No. 7 : Two World Wars - Causes and Effects.
- opic No. 8 : Growth of Nationalism in India
- BOOKS FOR STUDY**
- J. E. Swain - A History of World Civilization
- Webster and Wolf - History of Civilization
- Davies - An Outline History of the World.
- B. V. Rao - Concise Book of World History.
- व. मं. शिरसीकर - जगाचा इतिहास.
- ओतूरकर, पोतनीस, महाजन - जगाचा संक्षिप्त इतिहास.
- प्र. रा. फडके - अर्वाचीन जगाचा इतिहास.
- प्र. गायकवाड, भोसले, पाटील - मानव जातीचा इतिहास
- हेर्सेकर, सावंत - क्रांतीयुग आणि राष्ट्रवाद
- शोरत, गायकवाड, कदम - आधुनिक जग भाग १ व २.

9. ECONOMICS

- I) **Nature of Economics**
 a) Definition - Adam Smith, Marshall, Robins.
 b) Scope of economics.
 c) Basic concepts- goods, utility, value, wealth, welfare.
- II) **Demand** : Utility and indifference curve analysis, Law of demand.
- III) **Supply**
 Land
 Labour Theories of population
 Division of Labour - Localization of Industries.
Capital
 Organisation -
 Cost of production and supply, Laws of Returns.
- IV) **Market**
 Pricing under perfect competition & Monopoly.
- V) **Distribution**
 Theory of Distribution
 Rent-Ricardian theory and Modern theory
 Interest-classical, Liquidity preference and Loanable fund theory.
 Wages-Money and real wages. Wage differentials theories of wages.
- Profit-Gross and net profit, Risk, uncertainty theory of Profit.
- VI) **Money & Banking** : Functions of Money, Quantity theory of Money functions of commercial Banks and Central Banks.
- VII) **International Trade**
 Comparative cost theory : gains from Trade Balance of Trade and Balance of Payment causes of disequilibrium in the balance of payments.

VIII) Public finance

Private finance / Public finance.
 Cannons of taxation progressive / proportional, Regressive tax system sources of revenue and heads of public expenditure.

Books

1. आणुनिक अर्थशास्त्राची मुलतले (एस. चौद आणि कंपनी) के. के. डिबेट, जे. जे. पण।
2. अर्थशास्त्राचा अभ्यास - भावे, केळकर भाग - १ व २.
3. श्री. ए. भाग - १ व २ साठी निधारित केलेली सर्व पुस्तके.

10. POLITICAL SCIENCE

1. Basic Concepts - State, Nation, Government and Sovereignty.
2. Meaning of Constitutions - Types of Constitutions.
3. Montesquies Theory of Separation of Powers.
4. Types of Democracies.
- (i) Presidential (ii) Parliamentary
- Role of Executive, Legislature and Judiciary
- Modern Indian Political Thinkers :

- (a) B. G. Tilak
- (b) M. G. Ranade
- (c) B. R. Ambedkar

United Nations - Success and Failures.

BOOKS FOR REFERENCE

1. Political Science : B. K. Gokhale
2. Modern Political Theory : S. P. Verma.
3. Elements of Political Science : A. C. Kapur.
4. मुलम आणुनिक शास्त्रशास्त्र : डॉ. नवलजुंदकर, नरेंद्र प्रकाशन.
5. मुलम शास्त्रशास्त्र : श्री. व. म. शिरसीकर
6. शास्त्रशास्त्राची मुलतले : वि. ग. पांडेकर

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11. PSYCHOLOGY

100 Marks

1. The Nature and scope of General Psychology. The Psychological Services in Social Life. The method of Psychology - Observational, Clinical, Case-history, Experimental.
2. The Motives : The kinds : Social Physiological Conflicts of motive Defence mechanisms.
3. Learning : Nature of learning Methods of learning - Trial & Error, Conditioning
4. The nature and scope of Social Psychology. Social groups : Kinds. Social Interactions.
5. The nature of Industrial Psychology - An Industrial Accedent : Causes. Prevention.
6. Leadership - Nature, Kinds, Functions, Characteristics.
7. Personality - Social and Biological factors - personality - Traits and types.
8. The Psychology of Individual Differences. Heredity and Environment.
9. Normal and Abnormal Behaviour. The major kinds of Abnormalities. Psychoneurosis, Psychosis, Mental Deficiency, Anxiousness.
10. Mental Deficiency : Various classifications Causes, Symptoms Rehabilitation

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Books for Study

1. Introduction to Psychology - Morgan and King (5th Ed.)

2. Social Psychology - Kuppaswamy

3. Industrial Psychology - Dr. Bhagawatwar

4. Abnormal Psychology - Page

5. सामान्य मनशास्त्र - पदार्थ - रिचर्ड

6. सामान्य मनशास्त्र - गेनरे - अफोल्कर

7. सामान्य मनशास्त्र - व. ए. देसाई

8. सामान्य मनशास्त्र - डॉ. गणपतराव

9. N. B. - Nature of question paper :

1. The candidate shall attempt 5 questions out of 10 questions.

(All Questions carry equal marks)

12. PHILOSOPHY

1. The Upanishadic background of Philosophy. Common

characteristics of the Indian Systems of Philosophy.

2. Buddhism : The Buddhist search for the freedom from sorrow.

3. The four noble truths. The Theory of twelve causes. Eight - fold path.

4. The Vedant System : Nature of the World. The doctrine of Maya.

5. Nature of the Self and Brahman. Concept of Moksha.

6. Beginning of Modern Western Philosophy. Descartes' Method of doubt. 'Cogito Ezgo Sum'. Proofs for the existence of God.

7. Dualism of matter and mind.

8. Locke : Locke's Theory of Empirical knowledge. His theory of substance.

9. The problems, nature and scope of ethics. The notions of Right and Good. Customary and Reflective morality.

10. The problems, nature and scope of ethics. The notions of Right and Good. Customary and Reflective morality.

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7. Kant's ethical theory : Categorical Imperatives. The notion of Goodwill.
8. Hedonism - Egoistic and Universalistic. Utilitarianism of Bentham and Mill.
9. Nature and value of philosophy. Philosophy and Metaphysics. Nature of knowledge. The a priori and empirical elements in knowledge.
10. Human Freedom, Determinism and Indeterminism. Classifications of values. The highest value.

BOOKS FOR STUDY

1. Introduction to Indian Philosophy, Chatterji and Dutta.
2. भारतीय तत्त्वज्ञान - श्री. व. दीक्षित.
3. A History of Modern Philosophy, Wright W. H.
4. A History of Philosophy - Frank Thilly.
5. पश्चात् तत्त्वज्ञानाचा इतिहास (खंड २) - ग. ना. जोशी.
6. नीतिमीमांसा - श्रीनिवास दीक्षित.
7. An Introduction to Ethics, William Lillie.
8. The Fundamental Questions of Philosophy, A. C. Ewing.
9. तत्त्वज्ञानातील समस्या - दि. ग. देशपांडे

13. SOCIOLOGY

I) Sociology - As a Science :

Subject Matter - Scientific Nature of Sociology - relationship with other Social Science

II) Basic Concepts :

- A) Social interaction Nature and Types of Interaction
 - i) Co-operation
 - ii) Conflict
 - iii) Competition

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- B) Socialization : Stages and agencies of socialization.
- C) Social Groups : Concept of Social Group and basis of its classification
- D) Social Stratification : Nature and types.
- E) Social Change : Meaning and factors affecting Social Change.

III) Social Institutions in India :

- A) Concept of Social Institution
- B) Family : Characteristics and types.
- C) Marriage : Characteristics and types
- D) Caste : Characteristics

IV) Sociological Thinkers

- A) Auguste Comte : Social Statics and dynamics, Law of three stages.
- B) Karl Marx : Historical Materialism, Theory of Class, Conflict and Change.
- C) Emile Durkheim : Social facts, Mechanical & Organic Solidarity, Types of Suicide and its Interpretation.
- D) Max Weber : Definition of Sociology Types of Authority Protestant Ethic and spirit of Capitalism.

V) Research Methods

- A) Steps in Scientific Method
- B) Major techniques of data collection
 - 1) Observation
 - 2) Interview Schedule
 - 3) Mailed Questionnaire

References :

1. Horton P. B. & Hunt C. L. : *Sociology* - McGraw Hill, New York, 1967.

2. Harlanbous M. : *Sociology - Themes & Perspectives* : Bell & Heymen, 1985.
3. Tischler Whitten & Hunter : *Introduction to Sociology*, Holt, Rinehart and Winston Inc, New York, 1983.
4. Johnson Harry M. : *Sociology - A Systematic Introduction*, Allied Publishers Ltd., New Delhi 1960/1991.
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14. GEOGRAPHY

Note :

- i) The question paper shall carry 100 marks and will be of three hours question.
- ii) There will be 10 questions divided equally in to Two sections.
- iii) The candidate is required to answer in all FIVE questions selecting any THREE from section 'A' and any Two from Section 'B'.
- iv) All questions shall carry equal marks.
- v) Both the sections should be attempted in one and the same answerbook

Section-A

1. Nature and scope of Geography. Major branches of Geography.
2. Landforms and weathering - world distribution of Mountains, plateaus and Plains - Weathering and Mass wasting - Man as a geomorphic agent.
3. Evolution of a graded stream - landmass rejuvenation.
4. Atmosphere - Composition and structure of the atmosphere - Horizontal distribution of temperature Inversion of Temperature - Atmospheric pressure and winds.
5. Humidity - Types of humidity - Types of Clouds - Types of Precipitation - Major climatic regions of the world.

6. Concept of Ecosystem - Man - environment relationships. Determinism and possibilism.

Section-B

7. Major types of agriculture in the world and their characteristics.
8. Growth and distribution of world population. Concepts of under, over and optimum population. Processes and patterns of urbanization in the world.
9. Distribution of major mineral production in the world. (Coal, petroleum, Iron ore)
10. Distribution of major industries in the world. (Textile, Iron steel, Automobile and electronics)
11. Settlements Origin, types functions and landuse of Urban settlements.

References :

1. Strahler and Strahler : Modern Physical Geography, John Wiley & Sons. (1978)
2. Trewartha G. T. : Introduction to climate, McGraw Hill, New Jersey (1978)
3. Alexander J. W. : Economic Geography, Prentice Hall of India New Delhi (1978)
4. Chandana R. C. : A geography of Population, Kalyani Publishers New Delhi. (1986)
5. Carter, Harold : Study of Urban Geography, Pergoman Press New York (1974).

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15. MATHEMATICS (Marks 100, Time : 3 hours)

Note : The question paper consists of 5 questions, one on each of the following sections. There will be an option to each question. All questions carry equal marks.

Section-I

ALGEBRA

Definitions and examples of group, ring, integral domain, field, Vector space. Lagrange's theorem on groups, Isomorphism and Homomorphism of rings, Range and kernel of a linear map.

Section-II

CALCULUS

Continuous function of real variable, Rolle's theorem with simple illustrations, Taylor's theorem, Maclaurin's series.

Double integral, change of order of integral, application to areas and volumes.

Section-III

DIFFERENTIAL EQUATIONS

First order and first degree differential equations, linear differential equations with constant coefficients. Total differential equation $P dx + q dy + R dz = 0$, Partial differential equations of first order of the type $p^2 + q^2 = R$.

Section - IV

COMPLEX ANALYSIS

De Moivre's theorem, roots of unity, Cauchy - Riemann equations, Cauchy's integral formula, Residue theorem, Evaluation of integrals.

$$\int_{-\infty}^{\infty} f(x) dx$$

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Section - V

SPECIAL TOPICS

Definitions of Mathematics (Aristotle, Descartes, Hilbert), Definitions of function (Leibnitz, Euler, Dirichlet), Remarkable functions (Riemann, Weierstrass) the small-big set (Cantor's set), algebra of electrical switches.

Reference Books

1. Differential Calculus by Shanti Narayan.
2. Differential equations by Diwan and Agashe.
3. Differential equations by D. A. Murray.
4. Calculus and differential equations by H. V. Kumbhojkar and G. V. Kumbhojkar.
5. Algebra and Trigonometry - Vaze, Gosavi.
6. Elementary Abstract Algebra - Vaze.
7. Modern Algebra - Sharma Sheth.
8. Complex Numbers - W. Ledermann.
9. Mathematical Analysis - Shanti Narayan.
10. Integral Calculus - Shanti Narayan.
11. A Survey of Modern Algebra by Birkhoff and Mac Lane (Macmillan 1965).
12. Linear Algebra : Hoffman and Kunze, (East West Press).
13. Topics in Algebra - I. N. Herstein.
14. Functions of a complex variable - by Shanti Narayan.
15. I. Radhakrishna - History, Culture, Excitement and Relevance of Mathematics.
16. Complex Analysis - Sharma.