

**DEPARTMENT OF DISTANCE EDUCATION
PUNJABI UNIVERSITY, PATIALA**



**SYLLABUS
B. A. PART-I
(UNDER NEW SCHEME EDUCATION AT + 3 LEVEL)
2012 EXAMINATION**

MATHEMATICS

PAPER-I : ALGEBRA AND TRIGONOMETRY

Max. Marks : 100

Pass Marks : 35%

Time Allowed : 3 Hours

INSTRUCTIONS FOR THE PAPER-SETTER

The question paper will consist of five sections A, B, C, D and E. Sections A, B, C and D will have two questions from the respective sections of the syllabus. Section E will have only one question, which will consist of 8 or 10 objective/very short answer type parts covering the whole syllabus. All the questions from sections A, B, C, D and E will carry equal marks.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt one question each from the sections A, B, C and D of the question paper and the entire section E. All questions carry equal marks.

SECTION-A

Mappings, Equivalence relations and partitions. Congruence modulos symmetric, Skew symmetric, Hermitian and Skew Hermitian matrices. Elementary operations on matrices. Inverse of a matrix. Linear independence of row and column vectors. Row rank, column rank and rank of a matrix. Equivalence of column and row ranks.

SECTION-B

Eigen values, eigen vectors and the characteristic equation of a matrix. Cayley-Hamilton theorem and its use in finding inverse of matrix. Applications of matrices to a system of linear (both homogeneous and non-homogeneous) equations. Theorems on consistency of a system of linear equations.

SECTION-C

Relations between the roots and coefficients of general polynomial equation in one variable. Transformation of equation. Descartes's rule of signs. Solution of cubic equations (Cardan method). Biquadratic equations.

SECTION-D

De Moivre's theorem and its applications. Direct and inverse circular and hyperbolic functions. Logarithm of a complex quantity. Expansion of trigonometrical functions. Gregory's series. Summation of series.

REFERENCES

1. K.B. Datta, *Matrix and Linear Algebra*, Prentice Hall of India Pvt. Ltd., New Delhi, 2000.
2. P.B. Bhattacharya, S.K. Jain and S.R. Nagpaul, *First Course in Linear Algebra*, Wiley Eastern, New Delhi, 1983.
3. S.K. Jain, A. Gunawardena and P.B. Bhattacharya, *Basic Linear Algebra with MATLAB*, Key College Publishing (Springer Verlag), 2001.
4. H.S. Hall and S.R. Knight, *Higher Algebra*, H.M. Publications, 1994.
5. Chandrika Prasaad, *Text Book on Algebra and Theory of Equations*, Pothishala Private Ltd., Allahabad.
6. S.L. Loney, *Plane Trigonometry* Part II, Macmillan and Company, London.
7. R.S. Verma and K.S. Shukla, *Text Book on Trigonometry*, Pothishala Pvt. Ltd., Allahabad.

PAPER-II : CALCULUS

Max. Marks : 100

Pass Marks : 35%

Time Allowed : 3 Hours

INSTRUCTIONS FOR THE PAPER-SETTER

The question paper will consist of five sections A, B, C, D and E. Sections A, B, C and D will have two questions from the respective sections of the syllabus. Section E will have only one question, which will consist of 8 or 10 objective/very short answer type parts covering the whole syllabus. All the questions from sections A, B, C, D and E will carry equal marks.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt one question each from the sections A, B, C and D of the question paper and the entire section E. All questions carry equal marks.

SECTION-A**Differential Calculus :**

Definition of the limit of a function. Basic properties of limits. Continuous functions and classification of discontinuities. Differentiability. Successive differentiation. Leibnitz theorem. Asymptotes. Curvature. Tests for concavity and convexity. Points of inflexion. Multiple points. Tracing of curves. (Cartesian and parametric coordinates only).

SECTION-B**Integral Calculus :**

Integration of irrational algebraic function and transcendental function. Reduction formulae. Definite integrals. Quadrature and rectification Volumes and surfaces of solids of revolution.

SECTION-C**Ordinary Differential Equations :**

Degree and order of a differential equation. Equation of first order and first

degree. Equations in which the variables are separable. Homogeneous equations. Linear equations and equations reducible to the linear form. Exact differential equations. First order higher degree equations solvable for x , y , p . Clairaut's form and singular solutions. Geometrical meaning of a differential equation.

SECTION-D

Orthogonal trajectories. Linear differential equations with constant coefficients. Homogeneous linear ordinary differential equations.

Linear differential equations of second order. Transformation of the equation by changing the dependent variable/the independent variable. Method of variation of parameters.

REFERENCES

1. Gabriel Klambauer, *Mathematical Analysis*, Marcel Dekkar, Inc. New York, 1975.
2. Murray R. Spiegel, *Theory and Problems of Advanced Calculus*, Schaum's outline series, Schaum Publishing Co. New York.
3. N. Piskunov, *Differential and Integral Calculus*, Peace Publishers, Moscow.
4. P.K. Jain and S.K. Kaushik, *An Introduction to Real Analysis*, S. Chand and Co. New Delhi, 2000.
5. Gorakh Prasad, *Differential Calculus*, Pothishala Private Ltd. Allahabad.
6. Gorakh Prasad, *Integral Calculus*, Pothishala Private Ltd. Allahabad.
7. D.A. Murray, *Introductory Course in Differential Equations*, Orient Longman (India) 1967.
8. G.F. Simmons, *Differential Equations*, Tata Mc Graw Hill, 1972.
9. L.A. Codington, *An Introduction to Ordinary Differential Equations*, Prentic Hall of India, 1961.
10. H.T.H. Piaggio, *Elementary Treatise of Differential Equations and their Applications*. C.B.S. Publisher and Distributors, Delhi, 1985.
11. W.E. Boyce and P.C. DiPrima, *Elementary Differential Equations and Boundary Value Problems*, John Wiley, 1986.
12. Erwin Kreyszig, *Advanced Engineering Mathematics*, John Wiley and Sons, 1999.

PAPER-III : VECTOR ANALYSIS AND GEOMETRY

Max. Marks : 100

Pass Marks : 35%

Time Allowed : 3 Hours

INSTRUCTIONS FOR THE PAPER-SETTER

The questions paper will consist of five sections A, B, C, D and E. Sections A, B, C and D will have two questions from the respective sections of the syllabus. Section E will have only one question, which will consist of 8 or 10 objective/very short answer type parts covering the whole syllabus. All the questions from sections A, B, C, D and E will carry equal marks.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt one question each from the sections A, B, C and D of the question paper and the entire section E. All questions carry equal marks.

SECTION-A

Transformation of axes, shifting of origin, Rotation of axes, Reduction of the second degree equation into standard forms by transformation of co-ordinates. The invariants. Identification of curves represented by second degree equation (Including pair of lines)

Pole and polar, pair of tangents from a point, chord of contact, equation of the chord in terms of midpoint and diameter of conic.

SECTION-B

Conjugate diameters, Conjugate hyperbola, Asymptotes of a hyperbola, rectangular hyperbola, Special properties of parabola, ellipse and hyperbola.

Polar equations of conics and equations of chords, tangents and normals only.

SECTION-C

Introduction to Vectors, Product of two Vectors, Scalar and Vector product of three Vectors. Product of four Vectors. Reciprocal Vectors.

Sphere, Cone, Cylinder.

SECTION-D

Central conicoids. Paraboloids. Plane Sections of Conicoids, Generating lines. Confocal Conicoids. Reduction of second degree equation to standard forms.

REFERENCES

1. Murray R. Spiegel, *Theory and Problems of Advanced Calculus*, Schaum Publishing Company, New York.
2. Murray R. Spiegel, *Vector Analysis*, Schaum Publishing Company, New York.
3. N. Saran And S.N. Nigam, *Introduction to Vector Analysis*, Pothishala Pvt. Ltd., Allahabad.
4. Erwin Kreyszig, *Advanced Engineering Mathematics*, John Wiley and Sons 1999.
5. Shanti Narayan, *A Text Book of Vector Calculus*, S. Chand and Co., New Delhi.
6. S.L. Loney, *The Elements of Coordinate Geometry*, Macmillan and Company, London.
7. Gorakh Prasad and H.C. Gupta, *Text Book on Coordinate Geometry*, Pothishala Pvt. Ltd., Allahabad.
8. R.J.T. Bill, *Elementary Treatise on Coordinate Geometry of Three Dimensions*, Macmillan India Ltd., 1994.
9. P.K. Jain and Khalil Ahmad, *A Text Book of Analytical Geometry of Two Dimensions*, Wiley Eastern Ltd., 1994.
10. P.K. Jain, Khalil Ahmad, *A Text Book of Analytical Geometry of Three Dimensions*, Wiley Eastern Ltd., 1999.
11. N. Saran and R.S. Gupta, *Analytical Geometry of Three Dimensions*, Pothishala Pvt. Ltd., Allahabad.

ਬੀ.ਏ. ਭਾਗ ਪਹਿਲਾ (ਸੈਸ਼ਨ 2011-2012)**ਪੰਜਾਬੀ ਲਾਜ਼ਮੀ****ਕੁਲ ਅੰਕ : 100****ਵਿਸ਼ੇ ਵਿਚੋਂ ਪਾਸ ਹੋਣ ਲਈ ਅੰਕ : 35 ਪ੍ਰਤੀਸ਼ਤ****ਸਮਾਂ : 3 ਘੰਟੇ****ਸਿਲੇਬਸ ਤੇ ਪਾਠ ਪੁਸਤਕਾਂ**

- ਵਾਰਤਕ ਵਿਵੇਕ (ਸੰਪਾਦਕ ਡਾ. ਰਾਜਿੰਦਰ ਪਾਲ ਸਿੰਘ ਬਰਾੜ, ਡਾ. ਜਗਤਾਰ ਸਿੰਘ), ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
- ਕਹਾਣੀ ਸੰਗ੍ਰਹਿ 'ਕਥਾ ਰੰਗ' (ਸੰਪਾਦਕ-ਵਰਿਆਮ ਸਿੰਘ ਸੰਧੂ ਅਤੇ ਡਾ. ਬਲਦੇਵ ਸਿੰਘ ਚੀਮਾ)
- ਨਿਬੰਧ-ਰਚਨਾ : ਸਮਾਜਕ, ਵਾਤਾਵਰਣ ਅਤੇ ਸਭਿਆਚਾਰ ਵਿਸ਼ੇ ਨਾਲ ਸਬੰਧਤ।
- ਵਿਆਕਰਨ
 - ਪੰਜਾਬੀ ਧੁਨੀ-ਵਿਉਤ : ਸੂਰ, ਵਿਅੰਜਨ, ਉਚਾਰਨ ਅੰਗ, ਉਚਾਰਨ ਸਥਾਨ ਤੇ ਉਚਾਰਨ ਵਿਧੀਆਂ।
 - ਸ਼ਬਦ-ਬਣਤਰ ਅਤੇ ਸ਼ਬਦ ਰਚਨਾ : ਪਰਿਭਾਸ਼ਾ, ਮੁੱਢਲੇ ਸੰਕਲਪ।
 - ਸ਼ਬਦ-ਸ਼੍ਰੇਣੀਆਂ ਅਤੇ ਰੂਪਾਂਤਰਨ।
 - ਭਾਸ਼ਾ ਵੰਨਗੀਆਂ : ਭਾਸ਼ਾ ਦਾ ਟਕਸਾਲੀ ਰੂਪ, ਭਾਸ਼ਾ ਅਤੇ ਉਪ-ਭਾਸ਼ਾ ਦਾ ਅੰਤਰ ਅਤੇ ਅੰਤਰ-ਸੰਬੰਧ, ਪੰਜਾਬੀ ਉਪ-ਭਾਸ਼ਾਵਾਂ ਤੇ ਪਛਾਣ-ਚਿੰਨ੍ਹ।
- ਕ੍ਰਮਾਂਕ 1, 2 ਅਤੇ 4 ਦੇ ਆਧਾਰ ਤੇ ਛੋਟੇ ਪ੍ਰਸ਼ਨ।

ਅੰਕ-ਵੰਡ ਤੇ ਪੇਪਰ-ਮੈਟਰ ਲਈ ਹਦਾਇਤਾਂ

- ਕਿਸੇ ਨਿਬੰਧ ਦਾ ਸਾਰ ਜਾਂ ਉਸ ਦਾ ਵਿਸ਼ਾ-ਵਸਤੂ (ਦੋ ਵਿਚੋਂ ਇਕ) 15 ਅੰਕ
- ਕਿਸੇ ਕਹਾਣੀ ਦਾ ਵਿਸ਼ਾ ਵਸਤੂ/ਕਲਾ/ਕਹਾਣੀ ਲੇਖਕ ਬਾਰੇ ਜਾਣਕਾਰੀ ਤੇ ਉਸਦਾ ਯੋਗਦਾਨ (ਦੋ ਵਿਚੋਂ ਇਕ) 15 ਅੰਕ
- ਨਿਬੰਧ-ਰਚਨਾ (ਤਿੰਨਾਂ ਵਿਚੋਂ ਇਕ) 15 ਅੰਕ
- ਨੰਬਰ 4 ਉਤੇ ਦਿੱਤੇ ਵਿਆਕਰਨ ਦੇ ਆਧਾਰ ਉਤੇ ਵਰਣਨਾਤਮਕ ਪ੍ਰਸ਼ਨ। 15 ਅੰਕ
- ਕ੍ਰਮਾਂਕ 1 ਅਤੇ 2 ਤੇ ਦਰਜ ਪਾਠ-ਪੁਸਤਕਾਂ ਵਿਚੋਂ ਪੰਜ ਵਾਕਾਂ ਦੀ ਭਾਸ਼ਾ ਦਾ ਵਿਹਾਰਿਕ ਵਿਆਕਰਨਿਕ ਵਿਸ਼ਲੇਸ਼ਣ। ਇਹ ਪ੍ਰਸ਼ਨ ਨੰਬਰ 4 ਵਿਚ ਨਿਰਧਾਰਿਤ ਵਿਆਕਰਨਕ ਵਾਲੇ ਪੱਖਾਂ ਉਤੇ ਹੀ ਆਧਾਰਤ ਹੋਵੇਗਾ। $5 \times 4 = 20$ ਅੰਕ
 - ਕ੍ਰਮਾਂਕ 1, 2 ਅਤੇ 4 ਦੇ ਆਧਾਰ ਤੇ 10 ਛੋਟੇ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣ। $10 \times 2 = 20$ ਅੰਕ

ਸਹਾਇਕ ਪੁਸਤਕਾਂ

- ਹਰਕੀਰਤ ਸਿੰਘ, ਭਾਸ਼ਾ ਵਿਗਿਆਨ ਅਤੇ ਪੰਜਾਬੀ ਭਾਸ਼ਾ, ਬਾਹਰੀ ਪਬਲਿਸ਼ਰਜ਼, ਦਿੱਲੀ, 1973
- ਬਲਦੇਵ ਸਿੰਘ ਚੀਮਾ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਵਿਗਿਆਨ ਅਤੇ ਵਿਆਕਰਨ (ਤਕਨੀਕੀ ਸ਼ਬਦਾਵਲੀ ਦਾ ਵਿਸ਼ਾ ਕੋਸ਼), ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 2000
- ਬੂਟਾ ਸਿੰਘ ਬਰਾੜ, ਪੰਜਾਬੀ ਵਿਆਕਰਨ : ਸਿਧਾਂਤ ਤੇ ਵਿਹਾਰ, ਚੇਤਨਾ ਪ੍ਰਕਾਸ਼ਨ, ਲੁਧਿਆਣਾ, 2008.
- ਪ੍ਰੇਮ ਪ੍ਰਕਾਸ਼ ਸਿੰਘ, ਸਿਧਾਂਤਕ ਭਾਸ਼ਾ ਵਿਗਿਆਨ, ਮਦਾਨ ਪਬਲਿਸ਼ਰਜ਼, ਪਟਿਆਲਾ, 2002.
- ਪ੍ਰੇਮ ਪ੍ਰਕਾਸ਼ ਸਿੰਘ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਸ੍ਰੋਤ ਤੇ ਬਣਤਰ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ, 1996.
- ਪ੍ਰੇਮ ਪ੍ਰਕਾਸ਼ ਸਿੰਘ, ਰੂਪ ਵਿਗਿਆਨ, ਮਦਾਨ ਪਬਲਿਸ਼ਰਜ਼, ਪਟਿਆਲਾ, 2002.
- ਜੋਗਿੰਦਰ ਸਿੰਘ ਪੁਆਰ ਅਤੇ ਹੋਰ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਦਾ ਵਿਆਕਰਨ, (I, II ਅਤੇ III), ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਕਾਦਮੀ, ਜਲੰਧਰ।
- ਸੁਖਵਿੰਦਰ ਸਿੰਘ ਸੰਘਾ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਵਿਗਿਆਨ, ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਅਕਾਦਮੀ, ਜਲੰਧਰ, 1999.

ਬੀ.ਏ. ਭਾਗ ਪਹਿਲਾ (ਸੈਸ਼ਨ 2011-2012)
ਪੰਜਾਬੀ ਸਾਹਿਤ (ਚੋਣਵਾਂ)
ਪਰਚਾ-ਏ

ਕੁੱਲ ਅੰਕ : 100
 ਸਮਾਂ : 3 ਘੰਟੇ

ਵਿਸ਼ੇ ਵਿਚੋਂ ਪਾਸ ਹੋਣ ਲਈ ਅੰਕ : 35 ਪ੍ਰਤੀਸ਼ਤ

ਸਿਲੇਬਸ ਤੇ ਪਾਠ-ਪੁਸਤਕਾਂ

1. ਸੁਖਨ ਦੇ ਸੂਰਜ (ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਾਵਿ ਸੰਗ੍ਰਹਿ 1901-1995), ਸੰਪਾਦਕ : ਡਾ. ਬਲਜੀਤ ਕੌਰ ਅਤੇ ਟੀ.ਡੀ.ਜੋਸ਼ੀ, ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਯੂਨੀਵਰਸਿਟੀ, ਅੰਮ੍ਰਿਤਸਰ।
2. ਯੁੱਧ ਨਾਦ - ਮਨਮੋਹਨ ਬਾਵਾ
3. ਇਕਾਂਗੀ ਯਾਤਰਾ (ਇਕਾਂਗੀ ਸੰਗ੍ਰਹਿ), ਸੰਪਾਦਕ : ਡਾ. ਰਘਬੀਰ ਸਿੰਘ ਤੇ ਡਾ. ਸਤੀਸ਼ ਕੁਮਾਰ ਵਰਮਾ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
4. ਕ੍ਰਮਾਂਕ 1 ਤੇ ਆਧਾਰਿਤ ਮਲਟੀਪਲ ਚੋਣ ਪ੍ਰਸ਼ਨ।
5. ਕ੍ਰਮਾਂਕ 2 ਤੇ 3 ਦੇ ਆਧਾਰ ਤੇ ਸੰਖੇਪ ਉੱਤਰਾਂ ਵਾਲਾ ਪ੍ਰਸ਼ਨ।

ਅੰਕ-ਵੰਡ ਤੇ ਪੇਪਰ-ਸੈਟਰ ਲਈ ਹਦਾਇਤਾਂ

1. ਸੁਖਨ ਦੇ ਸੂਰਜ (ਆਧੁਨਿਕ ਪੰਜਾਬੀ ਕਾਵਿ ਸੰਗ੍ਰਹਿ 1901-1995)
 - (ੳ) ਪ੍ਰਸੰਗ ਸਹਿਤ ਵਿਆਖਿਆ (ਚਾਰ ਵਿਚੋਂ ਦੋ) 5+5=10 ਅੰਕ
 - (ਅ) ਕਿਸੇ ਕਵਿਤਾ ਦਾ ਵਿਸ਼ਾ ਵਸਤੂ/ਕਵੀ ਬਾਰੇ ਜਾਣਕਾਰੀ ਤੇ ਉਸ ਦਾ ਯੋਗਦਾਨ (ਦੋ ਵਿਚੋਂ ਇੱਕ) 10 ਅੰਕ
2. ਪੰਜਾਬੀ ਨਾਵਲ
 - ਨਾਵਲ ਦਾ ਵਿਸ਼ਾ/ਕਥਾਨਕ/ਪਾਤਰ (ਦੋ ਵਿਚੋਂ ਇੱਕ) 20 ਅੰਕ
3. ਇਕਾਂਗੀ ਸੰਗ੍ਰਹਿ
 - ਕਿਸੇ ਇਕ ਇਕਾਂਗੀ ਦਾ ਵਿਸ਼ਾ ਵਸਤੂ/ਕਲਾ/ਇਕਾਂਗੀ-ਲੇਖਕ ਬਾਰੇ ਜਾਣਕਾਰੀ ਤੇ ਉਸ ਦਾ ਯੋਗਦਾਨ (ਦੋ ਵਿਚੋਂ ਇੱਕ) 20 ਅੰਕ
4. ਕ੍ਰਮਾਂਕ 1 (ਸੁਖਨ ਦੇ ਸੂਰਜ) ਤੇ ਆਧਾਰਿਤ 10 ਮਲਟੀਪਲ ਚੋਣ ਪ੍ਰਸ਼ਨ 10×2=20 ਅੰਕ
5. ਉਪਰੋਕਤ ਪੰਜਾਬੀ ਨਾਵਲ ਅਤੇ ਇਕਾਂਗੀ-ਸੰਗ੍ਰਹਿ ਵਿਚੋਂ ਪਾਠ-ਆਧਾਰਤ ਸੰਖੇਪ ਉੱਤਰਾਂ ਵਾਲਾ ਪ੍ਰਸ਼ਨ (ਛੇ ਵਿਚੋਂ ਚਾਰ) 4×5=20 ਅੰਕ

ਪਰਚਾ ਬੀ

ਕੁੱਲ ਅੰਕ : 100
 ਸਮਾਂ : 3 ਘੰਟੇ

ਵਿਸ਼ੇ ਵਿਚੋਂ ਪਾਸ ਹੋਣ ਲਈ ਅੰਕ : 35 ਪ੍ਰਤੀਸ਼ਤ

ਸਿਲੇਬਸ ਤੇ ਪਾਠ ਪੁਸਤਕਾਂ

1. ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ (ਆਧੁਨਿਕ ਕਾਲ 1901-1995), ਡਾ. ਜਸਵਿੰਦਰ ਸਿੰਘ ਤੇ ਡਾ. ਮਾਨ ਸਿੰਘ ਢੀਡਸਾ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
2. (ੳ) ਪੱਤਰ/ਬਿਨੈ ਪੱਤਰ
 (ਅ) ਭਾਰਤੀ ਕਾਵਿ ਸ਼ਾਸਤਰ ਨਾਲ ਸਬੰਧਤ 10 ਮੂਲ ਸੰਕਲਪ : ਅਭਿਧਾ, ਲਕਸ਼ਣਾ, ਵਿਅੰਜਨਾ, ਰੂਪਕ, ਉਪਮਾ, ਔਚਿਤਯ, ਵਕ੍ਰੋਕਤੀ, ਸਾਧਾਰਨੀਕਰਨ, ਰਸ, ਅਲੰਕਾਰ
3. (ੳ) ਨਜ਼ਮ, ਗੀਤ, ਗਜ਼ਲ, ਰੁਬਾਈ, ਖੁੱਲ੍ਹੀ ਕਵਿਤਾ-ਪਰਿਭਾਸ਼ਾ ਤੇ ਲੱਛਣ।
 (ਅ) ਸਾਹਿਤ ਰੂਪ : ਕਵਿਤਾ, ਨਾਵਲ, ਇਕਾਂਗੀ-ਪਰਿਭਾਸ਼ਾ, ਪ੍ਰਕਿਰਤੀ ਤੇ ਤੱਤ
4. ਵਿਆਕਰਨ : ਵਿਸਰਾਮ ਚਿੰਨ੍ਹ, ਸ਼ਬਦ-ਜੋੜ, ਵਾਕ ਬੋਧ, ਬਹੁਅਰਥ ਸ਼ਬਦ, ਸਮਾਨਾਰਥਕ ਤੇ ਵਿਰੋਧਾਰਥਕ ਸ਼ਬਦ।
5. ਕ੍ਰਮਾਂਕ 1, 2, 3 ਅਤੇ 4 ਦੇ ਆਧਾਰ ਤੇ ਛੋਟੇ ਪ੍ਰਸ਼ਨ।

ਅੰਕ-ਵੰਡ ਅਤੇ ਪੇਪਰ ਸੈਟਰ ਲਈ ਹਦਾਇਤਾਂ

1. ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ

- | | | |
|-----|--|------------------------------------|
| (ੳ) | ਸਾਹਿਤਕ ਧਾਰਾਵਾਂ ਅਤੇ ਪ੍ਰਵਿਰਤੀਆਂ ਬਾਰੇ ਪ੍ਰਸ਼ਨ | |
| (ਅ) | ਸਾਹਿਤਕ ਰੂਪਾਂ ਦੇ ਸਮੁੱਚੇ ਵਿਕਾਸ ਬਾਰੇ ਪ੍ਰਸ਼ਨ | |
| | (ਵਿਅਕਤੀਗਤ ਸਾਹਿਤਕਾਰ ਸੰਬੰਧੀ ਪ੍ਰਸ਼ਨ ਨਹੀਂ ਪੁੱਛਿਆ ਜਾਵੇਗਾ) | $7\frac{1}{2}+7\frac{1}{2}=15$ ਅੰਕ |
| 2. | (ੳ) ਪੱਤਰ/ਬਿਨੈ ਪੱਤਰ | |
| | (ਅ) 10 ਮੂਲ ਸੰਕਲਪਾਂ ਦੇ ਆਧਾਰ 'ਤੇ ਪ੍ਰਸ਼ਨ (ਚਾਰ ਵਿਚੋਂ ਦੋ) | $7+8=15$ ਅੰਕ |
| 3. | (ੳ) ਦੋ ਪ੍ਰਸ਼ਨ ਦੇ ਕੇ ਇਕ ਦਾ ਉੱਤਰ ਲਿਖਣ ਲਈ ਆਖਿਆ ਜਾਵੇ। | |
| | (ਅ) ਦੋ ਪ੍ਰਸ਼ਨ ਦੇ ਕੇ ਇਕ ਦਾ ਉੱਤਰ ਲਿਖਣ ਲਈ ਆਖਿਆ ਜਾਵੇ। | $7\frac{1}{2}+7\frac{1}{2}=15$ ਅੰਕ |
| 4. | ਨੰਬਰ 4 ਉੱਤੇ ਦਿਤੇ ਵਿਆਕਰਨ ਦੇ ਆਧਾਰ ਉੱਤੇ ਵਰਣਨਾਤਮਕ ਪ੍ਰਸ਼ਨ | 15 ਅੰਕ |
| 5. | (ੳ) ਨੰਬਰ 1, 2, 3 ਅਤੇ 4 ਦੇ ਸਿਲੇਬਸ ਅਨੁਸਾਰ ਸੰਖੇਪ ਉੱਤਰਾਂ ਵਾਲੇ ਪ੍ਰਸ਼ਨ | |
| | 12 ਵਿਚੋਂ 10 ਪ੍ਰਸ਼ਨ | $10 \times 4 = 40$ ਅੰਕ |

B.A. IST (SESSION : 2011-2012)**PSYCHOLOGY****THEORY : PAPER-A GENERAL PSYCHOLOGY-A**

Max. Marks : 80

Pass Marks : 35% of the subject

Time Allowed : 3 Hours

(Theory and Practical Separately)

INSTRUCTIONS FOR THE PAPER-SETTER

The question paper will consist of five sections A, B, C, D and E. Sections A, B, C and D will have two questions in each, out of which one question has to be attempted. Each question will carry 15 marks. Section E will consist of 12 short answer type questions out of which the candidate will attempt any 10 which will carry 20 marks in all. Each short answer type question carries 2 marks. The candidates are required to give answer of each short type question in 50 words i.e. in 5 lines.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt one question each from sections A, B, C and D of the question paper, total four questions and the entire section E. Candidates are required to answer each short type question in 50 words, i.e. in 5 lines.

SECTION - A

Introduction to Psychology : Nature, Scope, Branches, Historical Background of Psychology, Methods of Psychology (Observation, Case Study, Experimental Method, Survey).

SECTION-B

Growth and Development : Concept, Characteristics of Development. Difference between growth and development. Role of heredity and environment.

SECTION-C

Personality : Nature, Determinants, Theories-Freud, Allport, Cattell. Assessment of Personality, Personality Development.

SECTION-D

Statistics : Measures of Central Tendency (Arithmetic Mean, Median, Mode) and Variability (Range, Average Deviation, Quartile Deviation, Standard Deviation). Graphical Representation of Data.

Note : Use of Non-Programmable Calculators and Statistical Tables allowed.

TEXT BOOKS

1. Benjamin, Jr. L.T., Hopkings J.R. & Nation. J.R. (1987). *Psychology*, New York; Mcmillan Publishing Co.
2. Crooks, R.L. & Strin, J. (1988), *Psychology : Science, Behaviour and Life*, New York : Rinehart and Winston, Inc.
3. Morgan, C.T. King, R.A., Weisz, J.R., & Schopler, J. (1986), *Introduction to Psychology*, New York : McGraw Hill Book Co.

4. Baron, R.A. (1996), *Psychology*, New Delhi : Prentice Hall of India.
5. Hurlock, F.B. (1968), *Developmental Psychology*, NY : McGraw Hill Book Company.
6. Fieldman, R.S. (1996), *Understanding Psychology*, New Delhi L Tata McGraw Hill.
7. Garrett., H. (1996), *Statistics in Psychology and Education*, Bombay, Vakils, Feffer and Simons.

SUPPLEMENTARY READING

1. Rathus, S.A. (1981). *Psychology*. New York : Holt. Rinehart and Winston.

THEORY : PAPER-B : GENERAL PSYCHOLOGY-B

Max. Marks : 80

Pass Marks 35% of the subject

Time Allowed : 3 Hours.

(Theory and Practical separately)

INSTRUCTIONS FOR THE PAPER-SETTER

The question paper will consist of five sections A, B, C, D and E. Sections A, B, C and D will have two questions in each, out of which one question has to be attempted. Each question will carry 15 marks. Section E will consist of 12 short answer type questions out of which the candidate will attempt any 10 which will carry 20 marks in all. Each short answer type question carries 2 marks. The candidates are required to give answer of each short type question in 50 words i.e. in 5 lines.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt one question each from sections A, B, C and D of the question paper, total four questions and the entire section E. Candidates are required to answer each short type question in 50 words, i.e. in 5 lines.

SECTION-A

Biological foundations of Behaviour : Nervous System : Central Nervous System and Peripheral Nervous System. Structure and Functions of Brain. The Endocrine System and its Functions.

SECTION-B

Intelligence : Nature, Theories-Spearman, Thurstone, Guilford.
Types of Intelligence Tests- Verbal, Non-Verbal, Performance.

SECTION-C

Motivation : Concept, Types of Motives.
Theories : Murray, Maslow, McClelland.

SECTION-D

Emotions : Concept, Theories-James-Lange, Cannon-Bard, Activation.
Physiological Correlates, Measurement of emotions.

TEXT BOOKS

1. Baron, R.A.(1996) *Psychology*. New Delhi : Prentice Hall of India.
2. Benjamin, J.R. L.T., Hopkings, J.R. & Nation, J.R. (1987), *Psychology*. New York; Mcmillan Publishing Co.
3. Chaplin., J.R. & Krawiec T.S. (1986), *System and Theories of Psychology*, New York; Holt, Rinehart and Winston, Inc.
4. Crooks, R.L. & Strin, J. (1988), *Psychology : Science, Behaviour and Life*, New York : Holt, Rinehart and Winston.
5. Morgan. C.T., King, R.A., Weisz. J.R. & Schopler. J. (1986) : *Introduction of Psychology*, New York : McGraw Hill Book Co.
6. Pandey, J., Sinha, D. & Bhawak, D.P.S. (1996), *Asian Contribution to Cross-cultural Psychology*, New Delhi, Sage Publications.

SUPPLEMENTARY READINGS

1. Freeman. F.S. (1962). *Psychological Testing*. (3rd Ed.), New Delhi : Oxford and IBH Publishing Co.
2. Hall. C.S. and Lindzey, G. & Camphell, J.B. (1998), *Theories of Personality*, New York : John Wiley & Sons.

PRACTICALS

Max. Marks : 40

Pass Marks : 14

INSTRUCTIONS FOR THE PRACTICAL EXAMINATION

Students are supposed to perform ten practicals out of 12 mentioned in the syllabus. Practical examination will be of 4 hours duration. External examiner will conduct the practical examination. The students will perform 2 practical in the exam carrying 40 marks. The examiner will evaluate the practical on the basis of write-up of file book (10 Marks) performance and viva-voice (30 Marks) relating to the practicals given.

In case students have not done 10 practicals out of the total 12 mentioned in the syllabus, the examiner will deduct marks (at the rate of 4 for each left practical) out of total evaluation of the student. Examiner will certify that either marks have been deducted for left out practicals out of the total evaluation or that students have done all the practicals. This certificate will be submitted along with the marks list to the University.

No reappear will be allowed in the practical examination. Fail in the practical will be considered fail overall in the subject.

For practical examination, one group of students will not be comprise of more than 20 students at a time.

INSTRUCTIONS FOR THE CANDIDATES

Practical examination will be of 40 marks and of four hours duration. Practical examination will be held by one external examiner.

If students have not completed 10 practicals out of the total of 12 mentioned in the syllabus, the external examiner will deduct marks (at the rate of 4 marks for each practical) out of the marks given to the students in the practical examination.

External examiner will certify that either all the practicals have been deducted from the evaluation. This certificate is to be sent with the award list.

Ten Practicals have to be performed out of the following :

1. Personality Inventory
2. Public Opinion Survey
3. Sentence Completion Test
4. Sociometry
5. Reaction Time
6. Scale measuring Development/Developmental delay
7. Verbal Test of Intelligence
8. Non-Verbal Test of Intelligence
9. Performance Test of Intelligence
10. Facial Expressions in Emotions
11. Level of Aspiration
12. Measurement of Motivation.

B.A. IST (SESSION : 2011-2012)
POLITICAL SCIENCE

Max. Marks : 100

Time Allowed : 3 Hours.

Pass Marks : 35%

INSTRUCTIONS FOR THE PAPER-SETTER

The question paper will consist of five sections A, B, C, D and E. Section A, B, C and D will have two questions from the respective portion of the syllabus and will carry 15 marks each. Section E will consist of 10 short-answer type questions which will cover the entire syllabus and will carry 40 marks in all, each short answer type question will carry four marks.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt one question each from section A, B, C and D of the question paper and the entire section E. The candidates are required to answer the short question in not less than 50 words.

PAPER-I

SECTION-A

1. Political Theory : Meaning, Definition, Characteristics and Relevance
2. Distinction Between Political Science and Political Theory.
3. Relationship of Political Science with Economics, History, Sociology

SECTION-B

1. State - Meaning, Definition and Elements
2. Distinction of State from Government, Society and Association
3. Theories of the Origin of state : Social contract, Historical/Evolutionary.

SECTION-C

1. State : Liberal, Marxian and Gandhian view.
2. Functions of State: Liberal Perspective.
3. Functions of State : Socialist Perspective

SECTION-D

1. Sovereignty : Meaning, Definition, Attributes and Types.
2. Theories of Sovereignty : Monistic
3. Theories of Sovereignty : Pluralistic

PAPER-II

Max. Marks : 100

Time Allowed : 3 Hours.

Pass Marks : 35%

INSTRUCTIONS FOR THE PAPER-SETTER

The question paper will consist of five sections A, B, C, D and E. Section A, B, C and D will have two questions from the respective portion of the syllabus and will carry 15 marks each. Section E will consist of 10 short-answer type questions which

will cover the entire syllabus and will carry 40 marks in all, each short answer type question will carry four marks.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt one question each from section A, B, C and D of the question paper and the entire section E. The candidates are required to answer the short question in not less than 50 words.

SECTION - A

1. Political System- Meaning, Definition, Characteristics, Functions and its distinction from State.
2. Political Culture : Meaning, Characteristics and types.
3. Political Socialisation : Meaning, Characteristics and Agencies.

SECTION - B

1. Rights : Meaning, Definition and Types
2. Duties : Meaning, Relationship between Rights and Duties
3. Universal Declaration of Human Rights.

SECTION - C

1. Liberty : Meaning, Definition, types and its safeguards.
2. Equality : Meaning, Definition, Types and Relationship between Liberty and Equality.
3. Justice : Meaning and its various Dimensions.

SECTION - D

1. Social change : Meaning, Definition and Characteristics
2. Democracy : Meaning, Characteristics and types.
3. Theories of Democracy : Liberal, Marxian and Elitist.

RECOMMENDED BOOKS

1. J.C. Johri : *Principles of Political Science*, Streling Publishers, New Delhi.
2. S.P. Verma : *Political Theory*, Geetanjali Publishing House, New Delhi.
3. A.C. Kapoor: *Principles of Political Science*, S.Chand & Company, New Delhi.
4. E. Ashirvatham : *Political Theory*, S. Chand & Company, New Delhi.
5. M.P. Jain: *Political Theory*, Authors Guild Publication, Delhi (Punjabi & Hindi).
6. David Easton: *The Political System*, Scientific Book Agency Calcutta.
7. D.C. Bhattacharya: *Political Theory*, Vijay Publishing House, Calcutta.
8. O.P. Gauba : *An Introduction to Political Theory*, Macmilan India Ltd., New Delhi.
9. Dr. Satish Kumar Sharma : *Adhunik Rajnitik Vishleshan*, Publication Bureau, Punjabi University, Patiala.
10. S.S. Nanda : *Political Theory* (Punjabi & English), Nanda Publications.
11. J.S. Badyal : *Political Theory* (Punjabi and English Medium).

B.A. IST (SESSION : 2011-2012)
DEFENCE AND STRATEGIC STUDIES

Theory : Two Papers of 80 marks each

Total Marks : 160

Practical

Marks : 40

Total - 200

Practical is only for the regular students. For Private and the Correspondence Courses students, the two theory papers would be of 100 marks each and the University must proportionately raise their marks out of the two theory papers of 80 marks each.

PAPER-I : WAR AND ITS VARIOUS ASPECTS

Max. Marks : 80

Time Allowed : 3 hours

Pass Marks : 35% of the subject

INSTRUCTIONS FOR THE PAPER-SETTER

The question paper will consist of five sections A, B, C, D and E. Section A, B, C and D will have two questions from the respective sections of the syllabus and will carry 12 marks each. Section E will consist of 8 short answer type questions carrying four marks each covering the entire syllabus and will be compulsory. The Candidates are required to give answer of each short type question in 50 words i.e. in 7-10 lines.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt one question each from the sections A, B, C and D of the question paper and the entire section E. The Candidates are required to give answer of each short type question in 50 words i.e. in 7-10 lines.

SECTION - A

I. WAR

- (a) Concept and Definition
- (b) Brief History of Warfare

2. MODERN WARFARE

- (a) Concept and Definition
- (b) Features of Modern Warfare

3. PRINCIPLES OF WAR

- (a) Meaning and Importance
- (b) Historical Development and Application

SECTION-B

1. WAR AS AN INSTRUMENT OF POLICY

2. GUERRILLA WARFARE

- (a) Origin and Concept
- (b) Principles, Techniques and Characteristics of Guerrilla Warfare
- (c) Counter Guerrilla Warfare measures

SECTION-C

1. PSYCHOLOGICAL WARFARE

- (a) Definition & Concept

(b) Functions

(c) Limitations

2 . PSYCHOLOGICAL ASPECTS OF WAR

(a) Leadership

(b) Discipline

(c) Motivation

(d) Morale

(e) Fear and Panic

SECTION-D

1. NUCLEAR WARFARE

(a) Beginning of nuclear era and effects of Nuclear explosion.

(b) Missiles: Types and their Classification.

(c) Nuclear Weapons: Strategic and tactical.

(d) Nuclear strategies of Deterrence and Massive Retaliation.

SUGGESTED READINGS

1. Bhupinder Singh: *Defence Studies* (Punjabi).
2. Boring, E.G : *Psychology in the Armed Forces*.
3. Copeland, N. : *Psychology of a Soldier*.
4. Hasnain, Qamar, Fauji Prati Manovigyan (Translated by Darshan Singh in Punjabi).
5. Kalkat, O.S. & Sidhu S.S.: Jang : *Sankalap ate Vividh Pakh* (Punjabi).
6. Mukherji & Sham Lal : *A Text Book of Military Science*, Vol. II.
7. Sidhu, K.S. : *War and its Principles*. .
8. Tripathi, K.S.: *Evolution of Nuclear Strategies*.
9. Verma, M.P. : *Samrik Sidhant (Hindi)*.
10. Wright, Quincy: *Study of War*.
11. Osanka, F.M. : *Modern Guerrilla Warfare*.

PAPER-II : INTERNATIONAL RELATIONS (DEFENCE ASPECTS)

Max Marks: 80

Time Allowed: 3 Hours

Pass Marks: 35% of the subject

INSTRUCTIONS FOR THE PAPER SETTER

The question paper will consist of five sections : A, B, C, D and E. Sections A, B, C and D will have two questions from the respective sections of the syllabus and will carry 12 marks each. Section E will consist of 8 short answer type questions carrying four marks each covering the entire syllabus and will be compulsory. The Candidates are required to give answer of each short type question in 50 words i.e. in 7-10 lines.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt one question each from the sections A, B, C and D of the question paper and the entire section E. The Candidates are required to give answer of each short type question in 50 words i.e. in 7-10 lines.

SECTION -A**1. NATIONAL INTEREST**

- (a) Concept and Definition
- (b) Vital and Non-Vital Components
- (c) Instruments to Secure National Interest

2. THE UNITED NATIONS

- (a) Structure (Organs and specialised agencies)
- (b) Functions

SECTION-B**1. BALANCE OF POWER**

- (a) Meaning and Concept
- (b) Historical Development of the System
- (c) Functioning of the system

2. COLLECTIVE SECURITY

- (a) Meaning and Concept
- (b) Role of the UN in Maintaining Collective Security

SECTION-C**1. DIPLOMACY**

- (a) Definition
- (b) Types and Uses

2. FRONTIERS AND BOUNDARIES

- (a) Difference between Frontier and Boundary
- (b) Types of Boundaries
- (c) Importance of Boundaries

SECTION-D**1. HUMANISATION OF WAR**

- (a) Definition and Concept
- (b) The Geneva Conventions

2. MEANS TO SETTLE INTERNATIONAL DISPUTES

- (a) Pacific Means
- (b) Coercive Means

3. DISARMAMENT AND ARMS CONTROL

- (a) Difference between Disarmament and Arms Control
- (b) Types of Disarmament
- (c) Efforts made by UN towards Disarmament

TEXT BOOKS RECOMMENDED

- 1. Chandra, P. : *International Politics*.
- 2. Curzon, Lord : *Frontiers*.
- 3. Kumar, Mahender : *Theoretical Aspects of International Politics*.
- 4. Morgenthau, Hans J. : *Politics Among Nations*.

5. Padelford, N.J. & George, A. Lincoln : *The Dynamics of International Politics*.
6. Palmer and Perkins : *International Politics*.
7. Sprout and Sprout : *International Politics*.
8. Thind, S.S. : *Yudh Ate Rashtri Surakhiya (Punjabi)*.
9. Wright, Quincy : *Study of International Relations*.

PUBLIC ADMINISTRATION
PAPER-I ADMINISTRATIVE THEORY

Max Marks : 100

Time: 3 Hours

Pass Marks : 35% in the subject

INSTRUCTIONS FOR THE PAPER SETTER

The question paper will consist of five sections: A, B, C, D and E. Section A, B, C and D will have two questions from the respective sections of the syllabus and will carry 15 marks each. Section E will consist of 10 short answer type questions which will cover the entire syllabus uniformly and will carry 40 marks in all.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt one question each from the sections A, B, C and D of the question paper and the entire Section E.

SECTION -A

Meaning, Nature, Scope and Significance of Public Administration; Public Administration and Private Administration; Public Administration as Science or an Art; Relationship of Public Administration with other Social Sciences; The concepts of New Public Administration and New Public Management.

SECTION-B

Organisation: Meaning, Bases, Approaches. Formal and Informal Organization, Chief Executive, Line and Staff Agencies.

SECTION-C

Hierarchy; Unity of Command; Span of Control; Centralization and Decentralization, Leadership, Coordination; Communication.

SECTION-D

Legislative, Judicial and Citizen's Control over Administration.

Delegated Legislation: Meaning, Reasons for its growth, Merits and Demerits and Safeguards.

SUGGESTED READINGS

- | | | | |
|----|--------------------------------------|---|---|
| 1. | Nicholas Henry | : | <i>Public Administration and Public Affairs</i> (New Jersey:Prentice Hall, end ed., 1980). |
| 2. | Feliz A. Nigro and
Liyod G. Nigro | : | <i>Modern Public Administration</i> (New York :
Harper and Row, Latest ed.) |
| 3. | Peter Self | : | <i>Administrative Theories and Politics</i>
(London: George Allen and Unwin,
1972). |
| | A. Avasthi | : | <i>Central Administration</i> (New Delhi:
Tata McGraw Hill, 1980). |
| 4. | Mohit Bhattacharaya | : | <i>Public Administration: Structure,
Process and Behaviour.</i> (Calcutta:
World Press, 2nd ed. 1980). |

5. Rumki Basu : *Introduction to Public Administration* (New Delhi) : Sterling Publishers, 1990).
6. S.R. Maheshwari : *State Government in India* (New Delhi : Mc Millan, 1979).
7. Chander Mohan Mahajan : *Elements of Public Administration* (Patiala : Publication Bureau, (Punjabi Punjabi University).
8. Robert T. Golembewski : *Public Administration as a Developing Discipline* (New York: Marcel Dekker, 1977).
9. John M. Pfiffner and Drank P. Sherwood : *Administrative Organisation* (New Delhi: Prentice Hall, Latest ed.)
A. Avashi and S.R. Maheshwari : Lakshmi Narain Aggarwal Educational Publishers, 1991).
10. Harbir Singh : *Administrative Theory and Indian Administration*, Patiala, Deepak Publishing House, 2001 (Punjabi)
11. Inderjit Singh Sethi : *Public Administration: Theory and Practice* (Punjabi) Jaipur, College Book Depot, 1999.
12. R.B. Jain : *Public Administration in India* (New Delhi: Deep and Deep Publishers Pvt. Ltd., 2001)
13. S.R. Maheshwari : *Indian Administration* (New Delhi Longman, 1990).
14. E.N. Gladden : *An Introduction to Public Administration* (London: Staples Press, Latest ed.)
15. John M. Pfiffner and R. Vance Presthus : *Public Administration* (New York: Ronald Press, Latest ed.)
16. A.T. Phillip and K.H. Sivaji Rao : *Indian Government and Politics* (New Delhi: Sterling Publishers, 1989).
17. Cyril O' Donnell : *Principles of Management, An Analysis of Managerial Functions* (New York: McGraw Hill, 1975).

PAPER-II : INDIAN ADMINISTRATION

Max Marks : 100

Time: 3 Hours

Pass Marks : 35% in the subject

INSTRUCTIONS FOR THE PAPER SETTER

The question paper will consist of five sections: A, B, C, D and E. Sections A, B, C and D will have two questions from the respective sections of the syllabus and will

carry 15 marks each. Section E will consist of 10 short answer type questions which will cover the entire syllabus uniformly and will carry 40 marks in all.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt one question each from the sections A, B, C and D of the question paper and the entire Section E.

SECTION-A

Features of Indian Administration, Federalism, Legislative and Administrative Relations between the Union and the States.

SECTION-B

Union Executive: The President; The Prime Minister and the Council of Ministers, The Role of Cabinet Secretary, The Parliament : Composition and Functions.

SECTION-C

State Executive: The Governor, The Chief Minister, The Chief Secretary, State Legislature : Composition and Functions.

SECTION-D

Judiciary: Supreme Court of India-Organization and Functions.

High Court- Organization and Functions., National Consumer Disputes Redressal Commission : Composition and Functions.

National Human Rights Commission : Composition and Functions.

SUGGESTED READINGS

1. Ramesh K. Arora and R. Goyal : *Indian Public Administration* Vishwa Prakashan, New Delhi, 2002.
2. Avasthi and Avasthi : *Indian Administration*, Lakshmi Narain Aggarwal, Agra, New Delhi, 2002.
3. P.L. Bansal : *Administrative Development in India*, New Delhi Sterling 1974.
4. C.P. Bhambri : *Bureaucracy and Politics in India*, Delhi, Vikas Publications, 1971.
5. M. Bhattacharya : *Bureaucracy and Development Administration*, New Delhi, Uppal, 1978.
6. R. Braibhanti and J. Spengler (eds.) : *Administration and Economic Development in India*, Durnham, Duke University Press 1963.
- A. Chandra : *Indian Administration*, London, Allen and Unwin, 1968.
7. P.R. Dubashi : *Rural Development Administration in India*, Bombay, Popular Prakashan, 1972.
8. B.L. Fadia and Kuldeep Fadia : *Indian Administration*, New Delhi, Sahitya Bhawan Publications, 2005).

9. Hoshiar Singh : *Indian Administration, Kitab Mahal, Allahabad, 2000.*
10. R.B. Jain : *Contemporary Issues in Indian Administration, New Delhi, Vishal Publications, 1976.*
11. S.R. Maheshwari : *Evolution of Indian Administration, Agra, Lakshmi Nrain Aggarwal, 1970.*
12. S.R. Maheshwari : *Indian Administration, Orient Longman, New Delhi, 2000.*
13. O.P. Motiwal (ed.) : *Changing Aspects of Public Administration in India, Allahabad, New Delhi.*

SOCIOLOGY**PAPER-I : FUNDAMENTALS OF SOCIOLOGY-I***Maximum Marks : 100**Time Allowed: 3 Hours**Pass Marks: 35% in the subject***INSTRUCTIONS FOR THE PAPER SETTER**

The question paper will consist of five sections: A, B, C, D and E. Section A, B, C and D will have two questions from the respective sections of the syllabus and will carry 15 marks each. Section E will consist of 10 short answer type questions which will cover the entire syllabus uniformly and will carry 40 marks, in all each short-answer type question carrying 4 marks. The candidates are required to give answer of each short type question in 50 words in i.e. in 7-10 lines.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt one question each from the sections A, B, C and D of the question paper and the entire section E. The Candidates are required to give answer of each short type question in 50 words in i.e. in 7-10 lines.

SECTION -A

Sociology: Definition, nature and scope; Relationship with other Social Sciences : Psychology, Anthropology, History, Economics, Political Science.

SECTION-B

Basic Concepts: Social Structure, Society, Social Organisation, Community, Association. Norms, Values, Status and Role.

SECTION-C

Socialization : Meaning. processes, agencies. Theories of self (Freud, Cooley and Mead).

SECTION-D

Culture: Meaning, Characteristics, material and non-material culture, cultural lag; culture and civilization.

BOOKS RECOMMENDED

1. Bottomore, T.B. 1972, *Sociology : A Guide to Problems and Literature*, Bombay : George Allen and Unwin.
2. Giddens, A, 2000, *Sociology : An Introduction*, Cambridge : Polity Press.
3. Gisbert, J, 1993, *Fundamentals of Sociology*, Bombay : Orient Longman.
4. Haralambos, M., 1998, *Sociology : Themes and Perspectives*, New Delhi : Oxford University Press.
5. Herskovits, Mel. J, 1969, *Cultural Anthropology*, New Delhi, Oxford and IBH Publishers.
6. Kaur, Savinderjit, 1987, *Samaj Vigyan De Mool Sankalap*, Patiala, Punjabi University.
7. Koenig, Samuel, 1968 : *Sociology : An Introduction to the Science of Society*, New York : Barnes and Noble. (Punjabi Translation also available, Translated by Baldev Singh and published by Punjabi Univieristy.)

8. Mann, Michael (ed.), 1994, *Macmillan Student Encyclopaedia of Sociology*, London, Macmillan Press.
9. Marshall, Gordon (ed.), 2000, *Dictionary of Sociology*, Delhi : Oxford University Press.
10. Shepard, Jon M., 1981, *Sociology*, New York : West Publishing Co.

PAPER-II: FUNDAMENTALS OF SOCIOLOGY-II

Maximum Marks : 100

Time Allowed: 3 Hours

Pass Marks: 35% in the subject

INSTRUCTIONS FOR THE PAPER SETTER

The question paper will consist of five sections: A, B, C, D and E. Section A, B, C and D will have two questions from the respective sections of the syllabus and will carry 15 marks each. Section E will consist of 10 short answer type questions which will cover the entire syllabus uniformly and will carry 40 marks, in all each short-answer type question carrying 4 marks. The candidates are required to give answer of each short type question in 50 words in i.e. in 7-10 lines.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt one question each from the sections A, B, C and D of the question paper and the entire section E. The candidates are required to give answer of each short type question in 50 words in i.e. in 7-10 lines.

SECTION-A

Social Processes : Concept, Types :Integrative (Cooperation, Accommodation, Assimilation) and disintegrative (Competition and Conflict).

SECTION-B

Social Groups : Definition, characteristics, types (primary and secondary ; in-group and out-group ; Reference group).

SECTION-C

Social Institutions : Concept ; Marriage (definition and types); Family (definition, types and functions); Kinship (meaning and functions).

Religion : Meaning and functions.

SECTION-D

Social Control : Meaning, Significance and Agencies.

Social Deviance : Meaning, Characteristics, Forms and Factors.

BOOKS RECOMMENDED

1. Bottomore, T.B. 1972, *Sociology : A Guide to Problems and Literature*, Bombay : George Allen and Unwin.
2. Giddens, A, 2000, *Sociology : An Introduction*, Cambridge : Polity Press.
3. Gisbert, J, 1993, *Fundamentals of Sociology*, Bombay : Orient Longman.
4. Haralambos, M., 1998, *Sociology : Themes and Perspectives*, New Delhi : Oxford University Press.
5. Kaur, Savinderjit, 1987, *Samaj Vigyan De Mool Sankalap*, Patiala, Punjabi University.

6. Koenig, Samuel, 1968 : *Sociology : An Introduction to the Science of Society*, New York : Barnes and Noble. (Punjabi Translation also available, Translated by Baldev Singh and published by Punjabi University.)
7. Mujumdar, and T.N. Madan 1997, *An Introduction to Social Antropology*, NOIDA, Paperbacks.
8. Mann, Michael (ed.), 1994, *Macmillan Student Encyclopaedia of Sociology*, London, Macmillan Press.
9. Marshall, Gordon (ed.), 2000, *Dictionary of Sociology*, Delhi : Oxford University Press.
10. Shepard, Jon M., 1981, *Sociology*, New York : West Publishing Co.

LINGUISTICS**PAPER-I : INTRODUCTION TO LANGUAGE***M.Marks : 100**Time : 3 Hours**Pass Marks : 35% of the subject***INSTRUCTIONS FOR THE PAPER SETTER**

1. The question paper will consist of five sections : A, B, C, D and E. Section A, B, C and D will have two questions from the respective sections of the syllabus and will carry 15 marks each. Section E will consist of 20 short type questions which will cover the entire syllabus uniformly and will carry 40 marks in all.
2. While setting the paper such Punjabi words should be used whose meanings do not create any confusion. Alongwith Punjabi words English words should also be given in brackets wherever needed. English and its Punjabi Version should be in simple and straight forward language. Paper setter should set the questions from the outlined syllabus only.

INSTRUCTIONS FOR THE CANDIDATES

1. Candidates may write their answers in Punjabi, Hindi or English.
2. Candidates are required to attempt one question from the section A, B, C and D of the question paper and the entire Section E.

SECTION-A

The Origin of Language.

The divine source; The natural sounds source; The oral-gesture source; Physiological adaptation : Speech and writing.

SECTION-B

The Development of writing.

Pictograms and ideograms, Logograms; Rebus writing, Syllabic writing, Alphabetic writing; Written English/Punjabi.

SECTION-C

Importance of Language.

Linguistic Communication and non-linguistic communication; human language and Animal language ; Teaching chimpanzees, Washoe; Sarah and Lana; Nim Chimsky, Hans, Buzz and Doris.

SECTION-D

The Three major components of language, Expression, Content and Vocabulary: Structure of expression and its two basic elements; phoneme and morpheme; structure of content, vocabulary.

SECTION-E

10 short-answer type questions covering the entire syllabus.

TEXT BOOKS AND SUGGESTED READINGS

1. Puar, J.S. : *Punjabi Bhasha da Vikaran* Part-I Punjabi Bhasha Academy (Regd.) Jalandhar.

2. Dhaliwal, Prem Parkash Singh: *Sidhantak Bhasha Vigyan* (Punjabi), Punjabi Prakashan, Chandigarh, pp. 1-67, 1988.
3. Lyons, J. 1981 : *Language and Linguistics.. An Introduction*: Cambridge Univ. Press, Cambridge, pp 1-31.
4. Atam Singh, 1985 : *Bhasha Vigyan* (Punjabi), Punjab State University Text Book Board, Chandigarh., pp-22-40.
5. Yule George 1985 : *The Study of Language..* Cambridge.
6. Sidhu, Paramjit Singh, 1988 : *Manav Vigyanik Bhasha Vigyan* (Punjabi) Publication Bureau, Punjabi University, Patiala, pp-38-57.
7. Gleason, H.A. 1988 : *An Introduction to Descriptive Linguistics*, Oxford and IBH Publishing Co., New Delhi (Indian-Edition), pp. 1-13.
8. Hockett, C.F., 1970 : *A Course in Modern Linguistics*, Oxford and IBH Publishing Co., New Delhi (Indian-Edition), pp. 565-585.
9. Akmajian, A and Others, 1995 : *Linguistics.. An Introduction to Language and Communication*. New Delhi: The Prentice Hall of India.
10. Fromkin, V and R.Radman, 1983 : *An introduction to language*, Holt, Rinehart & Winston.

PAPER-II: INTRODUCTION TO LINGUISTICS

M.Marks: 100

Time Allowed : 3 Hours

Pass Marks: 35% of the subject

INSTRUCTIONS FOR THE PAPER SETTER

1. The question paper will consist of five sections: A, B, C, D and E. Section A, B, C and D will have two questions from the respective sections of the syllabus and will carry 15 marks each. Section E will consist of 20 short type questions which will cover the entire syllabus uniformly and will carry 40 marks in all.
2. While setting the paper such Punjabi words should be used whose meanings do not create any confusion. Alongwith Punjabi words English words should also be given in brackets wherever needed. English and its Punjabi version should be in simple and straight forward language. Paper setter should set the questions from the outlined syllabus only.

INSTRUCTIONS FOR THE CANDIDATES

1. Candidates are required to attempt one question each from the sections A, B, C and D of the question paper and the entire Section E.
2. Candidates may write their answers in Punjabi, Hindi or English.

SECTION-A

Saussurian Concepts, Linguistic Sign, signifier and signified : Langue and Parole; Syntagmatic and Paradigmatic relations: Synchrony and Diachrony.

SECTION-B

Linguistics - Definition of Linguistics; Its Scientific status and scope; cannons of Linguistic statement- Exhaustiveness, Consistency, Economy and Explicitness, Branches of Linguistics - General (Theoretical), Descriptive (Synchronic), Historical (Diachronic),

Comparative and Applied Linguistics.

SECTION-C

Levels of Linguistic Analysis.

Phonetics - Types of Phonetics - Articulatory, Auditory and Acoustic.

Phonology - Definition of Phoneme and its classification, Phonemic Principle.

Morphology - Definition of Morpheme, Types of Morphemes, Roots and Affixes, Syntax and Semantics.

SECTION-D

Linguistics and other related fields:

Linguistics and Psychology (Psycholinguistics)

Linguistics and Sociology (Sociolinguistics)

Linguistics and Anthropology

(Anthropological Linguistics)

The Practical Applications of Linguistics:

(i) Language Teaching

(ii) Translation

(iii) Speech disorders

(iv) Stylistics

SECTION-E

10 short-answer type questions covering the entire syllabus.

TEXT BOOKS

1. Sidhu, Paramjit Singh, 1983 : *Manav Vigyanik Bhasha Vigyan* (Punjabi), Publication Bureau, Punjabi University, Patiala pp. 135, 108-172.
2. Atam Singh, 1985 : *Bhasha Vigyan* (Punjabi), Punjab State University, Text Book Board, Chandigarh pp. 9-21.
3. Dhaliwal, Prem Prakash Singh: *Sidhantak Bhasha Vigyan* (Punjabi), pp.145-185.
4. Atam Singh, 1988 : *Samaj Bhasha Vigyan* (Punjabi), Publication Bureau, Punjabi University, Patiala pp. 128-145.
5. Yule, G. 1985: *The Study of Language*, Cambridge University Press.
6. Akmajian, A and Others ,1995 : *Linguistics.. An Introduction to Language and Communication*. New Delhi: The Prentice Hall of India.
7. Fromkin, V. and R.Radman, 1983 : *An Introduction to language*, Holt, Rinehart & Winston.

ADDITIONAL READINGS

1. Lyons, J. 1981 : *Language and Linguistics.. An Introduction*, Cambridge Univ. Press, Cambridge, pp. 34-64.
2. Culler, Jonathan, 1976 : Saussure Fontana Collins.
3. Robins, R.H. (3rd Ed.), 1980 : *General Linguistics : An Introductory Survey*, Longman : London and New York, pp 1-25.

B.A. IST (SESSION : 2011-2012)**HISTORY****PAPER-I: HISTORY OF INDIA UPTO 1000 A.D.***Max. Marks: 100**Time Allowed: 3 Hrs.**Pass Marks : 35%***INSTRUCTIONS FOR THE PAPER SETTER**

1. **The question paper will consist of five sections:** A, B, C, D and E. Section A, B, C and D will have two questions each from the respective sections of the syllabus and will carry 15 marks each. Section E which is compulsory will consist of two parts : first part of section E will consist of 10 short answer type questions of 30 marks from the entire syllabus. The candidates are required to attempt all the 10 short answer type questions. The answer to each of these questions will be of 30-40 words and will carry 3 marks each. Second part of section E will contain a question on map, internal choice will be offered in Map question. The Maps are specified in Section E. The Map question will carry 10 marks out of which 6 marks are for filling the map and 4 marks for explanatory note. Thus, the total marks for the compulsory section E will be 40 marks out of which 30 marks for short answer type questions and 10 marks for the Map question.
2. **ONLY FOR BLIND CANDIDATES :** In lieu of Map question the blind candidates will attempt the short answer type questions. The short answer type questions will be set from the entire syllabus. These questions will be based upon terms, concepts, institutions and historical sources within the purview of the syllabus. Out of four, the blind candidate will attempt any two short answer type questions. Internal choice will be given. The answer to each of these questions will be 50-60 words and will carry 5 marks each. Thus the total marks of these questions will be 10.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E. The candidates are required to give answer of short type question in 30-40 words.

SECTION-A

1. Introduction: Meaning of the term 'ancient' and importance of ancient Indian History; Geographical features of India and their impact on ancient Indian History; Major Sources.
2. The Indus Civilization : Origin, extent, main features and the causes of its decline.

SECTION-B

3. Rig Vedic Civilization: Original home of the Aryans: their social, political, economic and religious life; Later Vedic Civilization : Political, social, economic and religious life.

4. Socio-Religious Reform Movements: (a) Jainism: Mahavira—His life and teachings; Spread and impact of Jainism. (b) Buddhism : Life and teachings of Buddha—spread, decline and impact of Buddhism.

SECTION-C

5. The Age of the Mauryas : Establishment and expansion of the Empire under Chandragupta Maurya and Ashoka; The Kalinga War. Polity and Administration, Ashoka's Dhamma ; Ashoka's achievements and his place in History ; Decline of the Mauryan Empire, Social and Economic Life.
6. The Gupta Age : Establishment of the Gupta Empire, its expansion under Samundragupta and Chandragupta II, Decline of Gupta Empire; Social and economic life ; Art and Architecture.

SECTION-D

7. The Age of the Vardhanas : Establishment of the Vardhana Kingdom; Harsha's campaigns and political relations; sources of Revenue; Patronage of Religion, literature and education; Account of Hiuen Tsang.
8. Dynasties in the South : Rashtrakutas, Chalukyas and Cholas.
9. The Rajputs : Origin of the Rajputs; Important Dynasties and Administration.

SECTION-E (COMPULSORY)

Part-I : 10 Short-Answer Type Questions.

Ten short answer type questions will be set from the entire syllabus. The candidates will attempt all the 10 questions. These questions will be based upon terms, concepts, institutions and historical sources within the purview of the syllabus. The answer to each of these question will be of 30-40 words and will carry 3 marks each. Thus the total marks of these questions will be 30.

Part-II : The paper-setter will set one question on map out of the 4 maps mentioned below. The outline map will be provided. The map question will carry 10 marks, 6 marks for the map and 4 marks for the explanatory note. Choice will be offered on map question.

MAPS :

- (a) Important sites connected with Buddha and Mahavira.
- (b) The Mauryan Empire under Ashoka (about 250 B.C.)
- (c) The Gupta Empire
- (d) The Empire of Harsha (647 A.D.)

BOOKS RECOMMENDED

1. Tripathi, R.S. : *Prachin Bharat Ka Itihas* (Punjabi, Hindi & English), pp. 17 to 55, 96 to 104, 146 to 181, 237 to 277, 291 to 315 and 318 to 480.
2. Pandey, Rajbali : *Bharatiya Itihas Ki Bhumika* (Hindi).
3. Pandey, V.C. : *Political and Cultural History of India*.
4. Mookerji, R.N. : *Ancient India* (English), pp. 50 to 210.
5. Ghosh, N.N. : *Early India* (English), pp. 10 to 275.
6. Basham, A.L. : *The Wonder that was India*.

7. Basham, A.L. : *Studies in Indian History and Culture*, pp. 1-236.
8. Chopra S.N. : *Prachin Bharat Ka Itihas* (Punjabi).
9. Arora A.C. & Sikri, S.L. : *Bharati Itihas Da Prachin Kal* (Punjabi & Hindi).
10. Davies, C.C. : *An Historical Atlas of Indian Peninsula* (English).
11. Arora, A.C. & Arora R.S. : *Historical Atlas of Ancient India* (English, Punjabi & Hindi), pp. 7 to 24.
12. R.C. Majumdar & Others : *An Advanced History of India*, pp. 15-254.
13. R.C. Majumdar, *Ancient India*.
14. Dhillon, Sukhninder Kaur : *Religious History of Early Medieval Punjab*.

PAPER-II : HISTORY OF INDIA (1000-1707 A.D.)

Maximum Marks : 100

Time Allowed: 3 Hrs.

Pass Marks : 35%

INSTRUCTIONS FOR THE PAPER SETTER

1. **The question paper will consist of five sections:** A, B, C, D and E. Section A, B, C and D will have two questions each from the respective sections of the syllabus and will carry 15 marks each. Section E which is compulsory will consist of two parts : first part of section E will consist of 10 short answer type questions of 30 marks from the entire syllabus. The candidates are required to attempt all the 10 short answer type questions. The answer to each of these questions will be of 30-40 words and will carry 3 marks each. Second part of section E will contain a question on map, internal choice will be offered in Map question. The Maps are specified in Section E. The Map question will carry 10 marks out of which 6 marks are for filling the map and 4 marks for explanatory note. Thus, the total marks for the compulsory section E will be 40 marks out of which 30 marks for short answer type questions and 10 marks for the Map question.
2. **ONLY FOR BLIND CANDIDATES :** In lieu of Map question the blind candidates will attempt the short answer type questions. The short answer type questions will be set from the entire syllabus. These questions will be based upon terms, concepts, institutions and historical sources within the purview of the syllabus. Out of four, the blind candidate will attempt any two short answer type questions. Internal choice will be given. The answer to each of these questions will be 50-60 words and will carry 5 marks each. Thus the total marks of these questions will be 10.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt one question each from sections A, B, C and D of the question paper and the entire section E. The candidates are required to give answer of short type question in 30-40 words.

SECTION-A

1. Invasions of Mahmud Ghaznavi : their effects ; Conquest of North-Western

India by Mohammad Ghauri ; causes of the success of the Turks.

2. Consolidation of the Sultanate of Delhi under Iltutmish and Balban.
3. Ala-ud-Din Khalji : His conquests, administration and reforms.

SECTION-B

4. The Tughlaqs : Muhammad-bin-Tughlaq's Administrative Experiments; Firoz Tughlaq's Reforms.
5. The Vijaynagar Kingdom : Establishment and Expansion; Administration; Causes of Decline.

SECTION-C

6. Establishment of the Mughal Empire under Babur.
7. Sher Shah Suri and his administration.
8. Rajput and religious policies of the Mughals.

SECTION-D

9. Shivaji : His Conquests & administration.
10. Mughal Government and Administration : Central and Provincial Administration; Land revenue and Mansabdari System.

SECTION-E (COMPULSORY)

Part-I : 10 Short-Answer type Questions.

Ten short answer type questions will be set from the entire syllabus. The candidates will attempt all the 10 questions. These questions will be based upon terms, concepts, institutions and historical sources within the purview of the syllabus. The answer to each of these questions will be of 30-40 words and will carry 3 marks each. Thus the total marks of these questions will be 30.

Part-II : The paper-setter will set one question on map out of the 4 maps mentioned below. Internal choice will be given. The outline map will be provided. The map question will carry 10 marks, 6 marks for the map and 4 marks for the explanatory note.

MAPS :

- (a) Ala-ud-din Khalji's Empire (1316 A.D)
- (b) The Mughal Empire under Akbar (1605 A.D)
- (c) The Mughal Empire under Aurangzeb (1707 A.D)
- (d) Four important places of the Mughal architecture.

BOOKS RECOMMENDED

1. Srivastava, A.L : *The Delhi Sultanate* (English), pp. 8 to 320.
2. Srivastava, A.L. : *The Mughal Empire* (English), pp. 9 to 404, 478 to 552 (Hindi edition).
3. Majumdar R.C. & Others : *An Advanced History of India*, Part-II.
4. Sharma, S.R. : *Mughal Empire in India* (English).
5. Saran, P. : *Medieval India* (Hindi).
6. Pandey, A.B. : *Early Medieval India* (English).

7. Pandey, A.B. : *Later Medieval India* (English).
8. Tripathi, R.P. : *Some Aspects of Muslim Administration in India* (English).
9. Tripathi, R.P. : *Rise & fall of the Mughal Empire*.
10. Narang, K.S. and Gurcharan Singh : *History of Mughals* (English, Punjabi & Hindi).
11. Arora, A.C. : *Madhkalin Bharat Da Itihas* (Punjabi & Hindi), pp. 10 to 391.
12. Davies C.C. : *An Historical Atlas of the Indian Peninsula* (English).
13. Arora, A.C. : *Historical Atlas of Medieval India* (English, Punjabi & Hindi), pp. 8 to 25.

PUNJAB HISTORY AND CULTURE
(SPECIAL PAPER IN LIEU OF PUNJABI COMPULSORY)
(From Earliest Time to 1000 A.D.)

M. Marks : 100

Time Allowed: 3 Hours

Pass Marks : 35%

INSTRUCTIONS FOR THE PAPER-SETTER

The question paper will consist of five sections: A, B, C, D and E. Section A, B, C and D will have two questions from the respective sections of the syllabus and will carry 15 marks each. Section E, which is compulsory will consist of 10 short-answer type questions of 40 marks from the entire syllabus. Each short answer type question will carry 4 marks. The candidates are required to give answer of each short answer type question in 50 words i.e. in 7-10 lines.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt one question each from the sections A, B, C and D of the question paper and the entire Section E. The candidates are required to attempt all the 10 short answer type questions and give answer of each short-answer type question in 50 words i.e. in 7-10 lines.

SECTION -A

1. Physical features of the Punjab and their impact on history.
2. Sources of the ancient history of Punjab.
3. Harappan Civilization : Important places, script, town planning, social, economic and religious life of the Indus Valley people.

SECTION-B

4. The Indo-Aryans: Original home and settlement in Punjab, Social, Religious and Economic life during the Rig Vedic Age. Social, Religious and Economic life during the later Vedic Age.
5. Teachings and impact of Buddhism and Jainism in the Punjab.
6. Alexander's invasion and its impact.

SECTION-C

7. Punjab under Mauryas.
8. The Kushans and their contribution to the Punjab.
9. The Punjab under the Gupta Emperors.

SECTION-D

10. The Punjab under the Vardhana Emperors.
11. The Punjab from 7th Century to 1000 A.D. (A survey of Political and Socio-Cultural History of Punjab).
12. Development of Art and Architecture upto 1000 A.D.

SECTION-E (COMPULSORY)

(10 Short-Answer type Questions)

Ten short answer type questions will be set from the entire syllabus. The candidates will attempt all the 10 questions. These questions will be based upon terms, concepts, institutions and historical sources within the purview of the syllabus. The answer to each of these questions will be of 50 words or in 7-10 lines and will carry 4 marks each. Thus the total marks of these questions will be 40.

SUGGESTED READINGS

1. L.M. Joshi (ed.) : *History and Culture of the Punjab*, Part-I, Patiala, 1989 (3rd Edition).
2. L.M. Joshi and Fauja Singh (ed.) : *History of Punjab*, Vol. I, Patiala, 1977.
3. Buddha Prakash : *Glimpses of Ancient Punjab*, Patiala, 1983.
4. R.N. Sharma : *Life in Northern India*, Delhi, 1966.
5. R.S. Tripathi : *History of Ancient India*.
6. V.C. Pandey : *Political and Cultural History of India*.
7. Romila Thapar : *A History of India*, Vol. I, Penguin Book, 1966.
8. A.L. Basham : *The Wonder that was India*.
9. Sukhninder Kaur Dhillon : *The Religious History of Early Medieval Punjab*.

**B.A. Part-I (ECONOMICS)
(Session 2011-2012)**

PAPER-I : MICRO ECONOMICS

Maximum Marks: 100

Pass Marks: 35%

Time Allowed: 3 Hours

INSTRUCTIONS FOR THE PAPER SETTER

The question paper will consist of five sections: A, B, C, D and E. Section A, B, C and D will have two questions from the respective sections of the syllabus and will carry 15 marks each. Section E which is compulsory will consist of 10 short answer type questions of 40 marks from the entire syllabus. Each short answer type question will carry 4 marks. The Candidates are required to give answer of each short type question in 50 words i.e. in 7-10 lines.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt one question each from the sections A, B, C and D of the question paper and the entire Section E. The use of simple calculator is allowed. The Candidates are required to give answer of each short answer type question in 50 words i.e. in 7-10 lines.

SECTION -A

Introduction: Meaning, nature and scope of Economics, Definition of Economics (Adam Smith, Marshall and Robbins). Basic Concepts: Utility and Satisfaction, Human Wants, Price and Value, Deductive and Inductive Methods.

Theory of Demand and Consumer Behaviour: Consumer Behaviour-Utility Analysis and Indifference Curve Analysis; Consumer's Surplus and its measurements; Law of Demand and its exceptions, Elasticity of Demand and its measurement.

SECTION-B

Theory of Production and Costs: Concept and types of Production Function, Laws of Returns to scale and Law of Variable Proportions; Cost Concepts and Cost Curves in Short and Long-run periods.

Market forms and Revenue: Behaviour of Average Revenue and Marginal Revenue under Perfect and Imperfect competitions; Relationship between Average Revenue, Marginal Revenue and Elasticity of Demand.

SECTION-C

Price and Output Determination: Price and Output Determination of the Firm and Industry under Perfect Competition in the Short and Long runs; Firm's equilibrium under Monopoly in the short and long runs; Discriminating Monopoly, Monopolistic Competition.

SECTION-D

Distribution: Marginal Productivity Theory: Factor Pricing (with special reference to labour) under Perfect and Imperfect Competition, Modern Theory of Wage Determination. Concepts of Rent and Quasi rent; Ricardian Theory and Modern

Theory of Rent; Concept of Interest, Classical and Loanable Funds Theory. Concept of Profit, Gross and Net Profit, Risk and Uncertainty Theories of Profit.

RECOMMENDED READINGS

1. Joginder Singh, P.N. Chopra & P.S. Grewal: *Price Theory and Distribution* (latest edition).
2. A.W. Stonier and D.C.Hague : *A Text book of Economic Theory* (Fourth edition) Part-I.
3. ਪਾਲ ਏ. ਸੈਮੂਅਲਸਨ (ਅਨੁ. ਪਿਆਰ ਸਿੰਘ) : ਅਰਥ-ਸ਼ਾਸਤਰ ਇਕ ਪ੍ਰਾਰੰਭਿਕ ਵਿਸ਼ਲੇਸ਼ਣ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ 1972, ਅਧਿਆਇ 4, 19, 21 ਤੋਂ 30.

SUPPLEMENTARY READINGS

1. R.G. Lipsey: *An Introduction to Positive Economics* (4th Edition), English Language Book Society, 1975, Chapter I to 5.
2. ਜਾਨ ਰਾਬਿਨਸਨ (ਅਨੁ. ਸੰਤ ਸਿੰਘ ਸੇਖੋਂ) : ਅਪੂਰਣ ਪ੍ਰਤੀਯੋਗਤਾ ਦੀ ਆਰਥਿਕੀ (ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ) ਅਧਿਆਇ 2,6 ਅਤੇ 10 ਤੋਂ ਇਲਾਵਾ ਸਾਰੀ ਕਿਤਾਬ।
3. ਐਚ.ਕੇ. ਮਨਮੋਹਨ ਸਿੰਘ : ਮਾਂਗ ਸਿਧਾਂਤ ਅਤੇ ਮਿਸ਼ਰਤ ਅਰਥ-ਵਿਵਸਥਾ ਵਿਚ ਆਰਥਿਕ ਗਣਨਾ (ਅਨੁ. ਓਮ ਪ੍ਰਕਾਸ਼ ਵਾਸ਼ਿਸ਼ਟ) (ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ 1971), ਕੇਵਲ ਪਹਿਲਾ ਭਾਗ।
4. N.C. Ray, *Micro-Economic Theory*.

PAPER-II: INDIAN ECONOMY

Maximum Marks: 100

Pass Marks: 35%

Time Allowed: 3 Hours

INSTRUCTIONS FOR THE PAPER SETTER

The question paper will consist of five sections: A, B, C, D and E. Section A, B, C and D will have two questions from the respective sections of the syllabus and will carry 15 marks each. Section E which is compulsory will consist of 10 short answer type questions which will cover the entire syllabus uniformly and will carry 40 marks in all. Each short answer type questions will carry 4 marks. The candidates are required to give answer of each short type question in 50 words i.e. in 7-10 lines.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt one question each from the sections A, B, C and D of the question paper and the entire Section E. The candidates are required to give answer of each short type question in 50 words i.e. in 7-10 lines.

SECTION -A

Features of Indian Economy on the eve of Independence. Nature and Characteristics of Indian Economy, Agriculture: Importance of Agriculture. Causes of Backwardness and Low Productivity. New Agriculture Strategy and Green Revolution and critical evaluation with special reference to environment degradation. Land Reforms: Need, Implementation and Critical Evaluation.

SECTION-B

Industry: Problems of Industrial Development, Public and Private Sector. Industrial Policy since 1949 with special emphasis on recent trends of liberalisation. Role and Problems of Small and Large Scale Industries. Industrial pollution and its

impact on Environment.

SECTION-C

Principal features of Indian Tax Structure. Foreign Trade: Direction and Composition of exports and imports and changes therein since Independence. Balance of Payment problem. Role of export promotion and import substitution. Role of MNCs in India.

SECTION-D

Planning: Objectives, Strategy and Achievements of Indian Planning, Critical Evaluation of the latest Five Year Plan (plan wise details to be excluded) Major Indian Economic Problems: Inflation, Unemployment, Inequality, Poverty, Population Growth. Division of financial resources between Centre and the States.

RECOMMENDED READINGS

1. K.S. Gill : *Evolution of Indian Economy*, NCERT, Chp. 1,2,5,6,7, 8,15,16.
2. A.N. Agarwal: *Indian Economy*.. Wiley Eastern Ltd., Chp. 1,3,8, 10, 12, 17, 18,29,31,34,35,36,50.
3. Datt & Sundharam *Indian Economy*: Gaurav Datt, S.Chand & Co. (latest edition).
4. R.N. Soni : *Leading Issues in Agriculture Economics*, Shoban Lal Nagi Chand & Sons, Chp. 24, 26.
5. ਏ. ਘੋਸ਼. (ਅਨੁ. ਅਵਤਾਰ ਨਰਿੰਦਰ ਸਿੰਘ) : ਭਾਰਤੀ ਅਰਥ ਵਿਵਸਥਾ (ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ)।
6. ਚੰਦਰ ਗੁਪਤ ਸਿੰਘ : ਭਾਰਤੀ ਅਰਥ ਵਿਵਸਥਾ (ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ)।
7. Misra and Puri : *Indian Economy*, Himalyan Publishing House (latest edition).
8. B.B. Tandon and Kulwinder Kaur, *Indian Economy*, Tata McGraw Hill.

SUPPLEMENTARY READINGS

9. Government of India: *Five Year Plan* (latest).
10. Government of India: *Economic Survey* (latest).

B.A. Ist 2011-2012**ENGLISH-COMMUNICATION SKILLS***Maximum Marks: 100**Time Allowed: 3 Hours**Pass Marks: 35%***Course Contents**

Two Literary Texts

Composition

Grammar and Vocabulary

(A) Texts Prescribed :

- I. *Let's Go Home and Other Stories*, ed. Meenakshi Mukherjee.
(Note : The stories *Terrorist and Zamindar of Pallipuram* are not included in the syllabus).
2. *Flights of Fancy*, edited by Bakhshish Singh (Punjabi University, Patiala). Poems to be studied :
 1. Sonnet 116
 2. On His Blindness
 3. The Clod and the Pebble
 4. The World is too Much with Us
 5. Lucy Gray
 6. My Native Land
 7. The Scholar
 8. The River of Life
 9. The Journey Onwards
 10. Dream Pedlary
 11. How Do I Love Thee?
 12. Home Thoughts from Abroad
 13. I Sit and Look Out
 14. Invictus
 15. Leave This Chanting

(B) Text prescribed for Grammar*Oxford Practice Grammar* by John Eastwood.**TESTING :****SECTION-A**

- Q.1. (a) One essay-type question with an internal alternative on theme, incident and character from *Let's Go Home and Other Stories*. The answer should not exceed 250 words. 10 Marks
- (b) Five short answer questions to be attempted (in about 100 words each) out of the given eight from *Let's Go Home and Other Stories*. 2x5=10 Marks

SECTION-B

- Q.2. (a) One essay type question with an internal alternative on main ideas, summary from *Flights of Fancy*. The answer should not exceed 250 words.
10 Marks
- (b) Two stanzas out of three to be explained with reference to the context from *Flights of Fancy*.
2x5=10 Marks

SECTION-C

- Q.3. A paragraph (descriptive) of about 150 words on any one of the four given topics. (10 Marks)
- Q.4. Translation from English into Hindi or Punjabi of a given passage consisting of 10 sentences. 10 Marks
- (For those who do not know Punjabi/Hindi)
- Paraphrase of a given poetry passage of about 8 to 10 lines.

SECTION-D

- Q.5. Ten very short answer questions to be attempted from both the prescribed texts, that is, from *Let's Go Home and Other Stories* and *Flights of Fancy* (five each from both the texts). Answer to each question to be given in about one line. Each question will carry one mark and there will be no internal choice.
1x10=10 Marks

SECTION-E

- Q.6. This question, having two parts, will be based on *Oxford Practice Grammar* by John Eastwood.
- (a) Exercises 1 to 43 (15 Marks)
- (b) Exercises 76 to 103 (10 Marks)
- A candidate will be required to attempt 15 out of the 18 sentences set in (a) and 10 out of 12 in (b).
- The examiner shall set 25% sentences from the *Oxford Practice Grammar* and 75% shall be based on the exercises prescribed in each part.
- Q.7. (a) Words commonly misspelt (2 Marks)
- (b) Antonyms and Synonyms (3 Marks)
- In part (a) a candidate shall respond to two out of three words, each carrying one mark.
- In part (b) a candidate shall give synonyms or antonyms of all the given 6 words carrying half a mark each.
- While no book is prescribed for Question No. 8, *The Students Companion* by Wilfred D. Best is, however, recommended.

IMPORTANT :

The examiner shall give a clear instruction to the candidates to attempt these questions only at one place and only once. Second or subsequent attempts, unless the earlier ones have been crossed out, shall not be evaluated.

ENGLISH LITERATURE (ELECTIVE)

Note : There will be two papers of one credit each.

- (i) Each paper will carry 100 marks.*
- (ii) Each paper will be of three hours duration.*

Paper-A : An Introduction to the Study of Prose Literature

Paper-B : An Introduction to the Study of Fiction

PAPER -A : AN INTRODUCTION TO THE STUDY OF PROSE LITERATURE

Total Marks : 100

Time Allowed: 3 Hours

Pass Marks : 35%

COURSE CONTENTS

1. What is Literature?
2. Value of Literature.
3. Literature and Society.
4. Various genres of Literature
5. Important terms pertaining to Prose.

TERMS PERTAINING TO PROSE

1. Prose
2. The kinds of Prose
 - (i) Narrative
 - (ii) Argumentative
 - (iii) Dramatic
 - (iv) Informative
 - (v) Contemplative
3. Satire
4. Allegory
5. Parable
6. Utopia
7. Scientific Writing
8. Historical Writing
9. Travelogue
10. Philosophical Writing
11. Essay
12. Biography and Autobiography
13. Criticism
14. Irony
15. Atmosphere
16. Euphemism
17. Fable

LANGUAGE ITEMS

- (a) To define

- (i) Vowel
- (ii) Consonant
- (iii) Pure Vowel
- (iv) Diphthong
- (b) To do list
 - (i) Vowel
 - (ii) Consonants
 - (iii) Diphthongs of the RP variety of English
- (c) Phonemic Transcription of minimal pairs.
- (d) Phonemic Transcription of some given words.

PREScribed TEXTS

1. ***A Selection of English Prose*** compiled and edited by University of Kashmir, Deptt. of English, Orient Longman 1999.
2. ***Selection from Modern English Prose*** edited by Haldar Panda.
The following essays are to be studied.
 1. Education for New India
 2. Andrew Carnegie
 3. A Dialogue on Democracy
 4. No Man is an Island
 5. India's Contribution to World Unity
 6. The Sporting Spirit
 7. On Saying "Please"
 8. A Talk on Advertising
 9. The Secret of Work
 10. Round the World on a Bicycle

SUGGESTED READINGS

1. M.H. Abrams: *A Glossary of Literary Terms*.
2. *Twentieth Century Reader's Guide to Literary Terms*.
3. E.M. Forster: *Aspects of the Novel*.
4. Herbert Read : *Prose Style*
5. *English Pronouncing Dictionary* by Daniel Jones, 15th Edition (Cambridge University Press, 1998)

TESTING

SECTION-A

- Q.1(a) One semi-critical question with internal choice relating to summary, main idea, main arguments from *A Selection of English Prose*. 10 Marks
- (b) One semi-critical question with internal choice relating to summary, main idea, main arguments from *Selections from the Modern English Prose*. 10 Marks

SECTION-B

- Q.2. An essay type question with internal choice related to the theoretical concepts and issues of literature. 10 Marks

SECTION-C

- Q.3. This question will pertain to important literary terms. Out of the five literary terms given in the paper, the candidate will attempt any three. Each item will be of 5 marks. 5x3=15 Marks

SECTION-D

- Q.4. This question will have two parts :
Part-A will be on defining and listing of language items. 8 Marks
Part-B will be on transcription using IPA symbols. 7 Marks

SECTION-E

- Q.5. This question will cover the entire syllabus. There will be 20 questions in all, each carrying 2 marks. The student will have to attempt all the twenty questions. 5 questions are to be set from language items, transcription and minimal pairs; 5 from important literary terms (only very brief definitions should be asked); and ten questions should be set from the two texts *A Selection of English Prose and Selections from the Modern English Prose* (5 from each text). The nature of the questions pertaining to these two texts should be such that the examinee should be able to answer each question in about 25 to 30 words. 40 Marks

PAPER-B : AN INTRODUCTION TO THE STUDY OF FICTION

Total Marks: 100

Time Allowed : 3 Hrs.

Pass Marks: 35%

PRESCRIBED TEXTS

1. *A Choice of Short Stories* ed. by Shakti Batra and P.S. Sidhu, OUP.
2. *The Old Man and the Sea* by Ernest Hemingway.
3. *The Vendor of Sweets* by R.K. Narayan.
4. The following concepts and terms are to be studied.
 1. The Novel
 2. The Short Story
 3. Novella
 4. Plot and Character
 5. Protagonist/Hero
 6. Narrator
 7. The Novel of Character
 8. Conflict
 9. Episode
 10. The Historical Novel
 11. The Regional Novel
 12. The Picaresque Novel

13. The Epistolary Novel
14. Science Fiction
15. The Psychological Novel

SUGGESTED READING

1. M.H. Abrams : *A Glossary of Literary Terms*.
2. *Twentieth Century Reader's Guide to Literary Terms*.
3. E.M. Forster: *Aspects of the Novel*.
4. *Oxford Dictionary of Literary Terms*

TESTING

SECTION-A

- Q.1(a) One semi-critical question with internal choice relating to theme, character, episode, title, main ideas from *A Choice of Short Stories*. 10 Marks
- (b) The student will be asked to attempt two short notes (in about 100 words each) out of the four given from the book *A Choice of Short Stories*.
2.5 x 2 = 5 Marks

SECTION-B

- Q.2(a) A semi-critical question with internal choice relating to the theme, character, episode, title, main ideas from *The Old Man and the Sea*. 10 Marks
- (b) The student will be asked to attempt two short notes (in about 100 words each) out of the four given from the book *The Old Man and the Sea*.
2.5 x 2 = 5 Marks

SECTION-C

- Q.3 (a) A semi-critical question with internal choice relating to the theme, character, episode, title, main ideas from *The Vendor of Sweets*. 10 Marks
- (b) The student will be asked to attempt two short notes (in about 100 words each) out of the four given from the book *The Vendor of Sweets*.
2.5x2=5 Marks

SECTION-D

- Q.4 This question will pertain to concepts and literary terms. Out of eight given in the paper, the student will attempt any five. The word limit for these answers should be about 100 words. 5 x 3 = 15 Marks

SECTION-E

- Q.5 This question will cover the entire syllabus. There will be 20 questions in all, each carrying 2 marks. The student will have to attempt all the twenty questions. 5 questions are to be set from literary terms (only very brief definitions should be asked); and fifteen questions should be set from the three texts ***A Choice of Short Stories***, ***The Old Man and the Sea*** and ***The Vendor of Sweets*** (5 from each text). The nature of the questions pertaining to these three texts should be such that the examinee should be able to answer each question in about 25 to 30 words. 40 marks

B.A. IST (SESSION : 2011-2012)
EDUCATION

There will be two papers of 100 marks each.

PAPER-I: THEORY OF EDUCATION

Max. Marks: 100

Pass Marks: 35% in the subject

Time allowed: 3 Hours

INSTRUCTIONS FOR THE PAPER SETTER

The question paper will consist of five sections: A,B,C,D, and E. Section A, B, C and D will have two questions from the respective sections of the syllabus and will carry 15 marks each. Section E will consist of 10 short answer type questions which will cover the entire syllabus uniformly and will carry 40 marks in all.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt one question each from the sections A,B,C and D of the question paper and the entire section E.

Course Content

SECTION - A

Nature, meaning, scope and emerging concept of education. Functions of education - Individual development, Transmission of cultural heritage, Acquisition of skills, Acquisition and generation of human values and social cohesion.

SECTION - B

Aims of education in India - Individual, Social, Vocational and Democratic and as per National policy of Education, 1986.

SECTION - C

Freedom and discipline : need of discipline in and out of school, discipline and order free discipline. School, Home and community as agencies of education.

SECTION - D

Education for national integration. Education for international understanding.

TEXT BOOKS

1. Kansal. M.R. : *Sikhiya De Sidhant*, Chandigarh : Punjab State University Text Books Board.
2. Safaya. R.N. : *Principles and Techniques of Education*. Jalandhar, Dhanpat Rai & Sons.
3. Sharma. T.R. : *Sikhiya De Sidhant*, Punjabi University, Patiala.

SUPPLEMENTARY READINGS

1. Pandey. R.S. : *Principles of Education*, Agra : Vinod Pustak Mandir.
2. Walia, Harnam Singh and Dhiman, G.P. : *A Text Book of Theory and Principles of Education*, Jalandhar : Punjab Kitab Ghar.
3. Bhatia. B.D. : *Philosophy and Education*. Delhi: Doaba House.
4. Govt. of India, *Ministry of Education: National Policy on Education* New Delhi, Ministry of Human Resource Development, 1986.

5. Gupta. S.P. and others: *Principles and Techniques of Education*, Faridkot.
6. Bhatia, K.K. and Narang C.L. : *Theory and Principles of Education*, Ludhiana: Parkash Brothers, 1986.
7. Taneja, V.R. : *Educational Thought and Practice*, New Delhi Sterling Publishers : 1985.

PAPER-II : EDUCATIONAL PSYCHOLOGY

Max. Marks : 100

Time Allowed: 3 Hours

Pass Marks: 35% in the subject

INSTRUCTIONS FOR THE PAPER SETTER

The question paper will consist of five sections : A,B,C,D, and E. Section A, B, C and D will have two questions from the respective sections of the syllabus and will carry 15 marks each. Section E will consist of 10 short answer type questions which will cover the entire syllabus uniformly and will carry 40 marks in all.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt one question each from the sections A, B, C and D of the question paper and the entire Section E.

Course content

SECTION - A

Psychology - Its meaning and nature, relationship between education and psychology, nature and scope of educational psychology.

SECTION - B

Stages of human development - infancy, childhood and adolescence, their needs, significance and problems.

Areas of human development and education, role of educational psychology in understanding the individual.

SECTION - C

Concept and role of heredity and environment in the growth and development of the child. Personality : concept, theories, assessment.

SECTION - D

Concept and role of human instincts, (emotions and sentiments) in education, nature and need of mental health.

TEXT BOOKS

1. Bhatia H.R. : *A Text Book of Education Psychology*, New Delhi : Asia Publishers. House, 1977.
2. Mangal. S.K. : *Educational Psychology*, Jalandhar, Prakash Brothers.
3. Sandhu, I.K ; Kaur, Amrit : *Sikhiya Manovigyan*, Patiala : Punjabi University, 1976.
4. Kanwarjit Singh : *Vidyak Manovigyan*, Patiala : Punjabi University.

SUPPLEMENTARY READINGS

1. Dhingra, R. : *Educational Psychology and Guidance*, Jalandhar : Punjab Qitab Ghar.
2. Safaya, R. N. and Bhatia, B.D. : *Educational Psychology and Guidance*, Jalandhar : Dhanpat Rai and Sons.

3. Skinner. C.E. : *Educational Psychology*, New Delhi : Prentice Hall of India.

**B.A. Part-I
PHILOSOPHY**

PAPER-I : ELEMENTARY PHILOSOPHY

Max. Marks: 100

Pass Marks: 35% in the subject

Time Allowed: 3 Hours

INSTRUCTIONS FOR THE PAPER SETTER

The question paper will consist of five sections: A,B,C,D, and E. Section A, B, C and D will have two carry questions from the respective sections of the syllabus and will carry 15 marks each. Section E will consist of 10 short answer type questions which will cover the entire syllabus uniformly and will carry 40 marks in all, each short answer type question carrying 4 marks.

The candidates are required to give answer of each short type question in 50 words i.e. in 7-10 lines.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt one question each from the sections A, B, C and D of the question paper and the entire Section E. The candidates are required to give answer of each short type question in 50 words i.e. in 7-10 lines.

SECTION - A

1. An introduction to the Problems and Methods of Philosophy.
2. Introduction to Branches of Philosophy.
3. Relation of Philosophy with Religion.

SECTION - B

4. Human Rights.
5. Equality and Justice.
6. World Peace & Co-existence.

SECTION - C

7. Sikhism : Five Khands as Path to Self-Realisation.
8. Vivekanand : Humanism.
9. Gandhism : Ahinsa and Satyagrah.

SECTION - D

10. Definition of Culture.
11. Culture and Civilization.
12. Components of Culture.

SECTION - E

13. 10 short answer type questions.

RECOMMENDED READINGS

1. Teja Singh : Ideals & Institutions of Sikhism (Related Portion)

- | | | | |
|-----|-------------------|---|---|
| 2. | Robert and Beck | : | Handbook of Social Philosophy (Related Portion) |
| 3. | H.H., Titus | : | Living Issues in Philosophy |
| 4. | V.S. Narvane | : | Modern Indian Thought |
| 5. | J.S. Mckenzie | : | Social Philosophy |
| 6. | B.K. Lal | : | Contemporary Indian Philosophy |
| 7. | Dharmindra Goel | : | Philosophy of History |
| 8. | Gurjit Singh | : | Sabhiyachar da Phalspha |
| 9. | Avtar Singh | : | Ethics of the Sikhs (Related Portion) |
| 10. | Satya Paul Gautam | : | Samaj Darshan |

PAPER-II : ETHICS : WESTERN AND INDIAN

Max. Marks: 100

Theory : 60 Marks

Practical : 40 Marks

Pass Marks : 35% in the subject (Theory and Practical Separately)

Time for Theory and Practical Papers : 3 hours each

INSTRUCTIONS FOR THE PAPER SETTER

The question paper will consist of five sections: A,B,C,D, and E. Section A, B, C and D will have two questions from the respective sections of the syllabus and will carry 9 marks each. Section E will consist of 6 short answer type questions which will cover the entire syllabus uniformly and will carry 24 marks in all, each short answer type question carrying 4 marks. The candidates are required to give answer of each short type question in 50 words i.e. in 7-10 lines. There shall be practical of 40 marks.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt one question each from the sections A, B, C and D of the question paper and the entire section E. The candidates are required to give answer of each short type question in 50 words i.e. in 7-10 lines. There shall be practical of 40 marks consisting of Project Report 10 marks, Viva Voce 10 marks and Demonstration of Yoga Asanas 20 marks.

SECTION - A

1. Nature, Scope and Utility of Ethics.
2. Relation of Ethics with Sociology.

SECTION - B

3. Plato : Virtues.
4. Kant : Categorical Imperative, Good Will.
5. Hedonism : Bentham, Mill

SECTION - C

6. Gita : Nishkama Karma.
7. Sikhism : The concept of Karma (Kirat Karo, Naam Japo and Vand Chako)

SECTION - D

8. Buddhism : Four Noble Truths.
9. Jainism : Five Maha Vratt.

10. Astangayoga (Patanjali)

SECTION - E

6 short answer type question.

Note : PRACTICAL; Project Report, Viva-Voce and the demonstration of the following Yoga-asanas :

Elementary Pranayama (Anuloma-Viloma), Padahast asana, Padma asana, Matsya Asana, Vajra asana, Paschimottanasana, Uttanpada asana, Sarvanga asana, Dhanur asana.

BOOKS PRESCRIBED

- | | | | |
|----|-------------------|---|---|
| 1. | Balbir Singh | : | Principles of Ethics (Related Portion) |
| 2. | S.N. Gupta | : | Niti Shastra (Punjabi), (Related Portion) |
| 3. | Ved Parkash Verma | : | Niti Shastra (Hindi), Allied Publishers, New Delhi, 1987. |
| 4. | V.K. Iyengar | : | Light on Yoga. |

BOOKS SUGGESTED

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|----|----------------|---|---|
| 1. | William Lillie | : | Introduction to Ethics. |
| 2. | J.S. Mckenzie | : | Manual of Ethics. |
| 3. | Avtar Singh | : | Ethics of Sikhs (Related Portion) |
| 4. | ਜਸਬੀਰ ਸਿੰਘ | : | ਗੁਰੂ ਨਾਨਕ ਬਾਣੀ ਵਿਚ ਨੈਤਿਕਤਾ ਦਾ ਸੰਕਲਪ (ਭਾਸ਼ਾ ਵਿਭਾਗ) |
| 5. | ਵਜ਼ੀਰ ਸਿੰਘ | : | ਨੈਤਿਕ ਨਿਯਮ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ। |
| 6. | ਵਜ਼ੀਰ ਸਿੰਘ | : | ਸਿੱਖ ਦਰਸ਼ਨ ਧਾਰਾ, ਪਬਲੀਕੇਸ਼ਨ ਬਿਊਰੋ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ |

B.A. Ist (2011-2012)**HINDI**

नोट : इस कक्षा में पत्र एक वैकल्पिक है। विद्यार्थी पत्र एक के दो विकल्पों में से कोई एक पेपर चुन सकता है। दूसरा पत्र सभी के लिए अनिवार्य रहेगा।

(वैकल्पिक पेपर)

पत्र एक : (विकल्प एक) हिन्दी साहित्य

अंक : 100

समय : तीन घंटे

पास प्रतिशत : 35

नोट : सप्ताह के छह पीरियड में से दो पीरियड कम्पोजीशन को दिए जाएंगे। कम्पोजीशन ग्रुप में विद्यार्थियों की संख्या 15-20 तक रहेगी। शेष चार पीरियड टैक्स्ट को दिए जाएंगे।

पाठ्यक्रम

- क. काव्य कुंज (आदिकाल और मध्यकालीन काव्य) संपादक : डॉ. जुगल किशोर त्रिपाठी, पंजाबी विश्वविद्यालय प्रकाशन, पटियाला (केवल—कबीर : गुरुदेव कौ अंग, चितावणी कौ अंग, विरह कौ अंग, रविदास : पद, जायसी : नागमती—वियोग खण्ड, नागमती संदेश खण्ड, सूरदास : विनय, बाल—लीला, माखन चोरी, मीरा : पद, तुलसीदास : श्री राम कैकेयी दशरथ संवाद, भक्ति माहात्म्य, गुरु तेग बहादुर : शब्द, सलोक — सात कवि)
- ख. सात कहानियां — संपादक : ईश्वर दास जौहर (सभी कहानियां) पंजाबी विश्वविद्यालय प्रकाशन।

ग. थके पांव (उपन्यास) – भगवतीचरण वर्मा (राजपाल एण्ड सन्ज़, दिल्ली)।

विद्यार्थियों और परीक्षकों के लिए निर्देश

1. प्रथम प्रश्न सप्रसंग व्याख्या का होगा। परीक्षक प्रत्येक पुस्तक से अथवा रूपी विकल्प सहित दो पद्यांश/गद्यांश पूछेगा। इस प्रकार विद्यार्थी को कुल छह पद्यांशों/गद्यांशों में से किन्हीं तीन की सप्रसंग व्याख्या करनी होगी। $8 \times 3 = 24$
2. छह आलोचनात्मक प्रश्न (प्रत्येक पुस्तक से दो प्रश्न 'अथवा' रूपी विकल्प सहित) रचनाकारों और उनकी रचनाओं से सम्बन्धित (लेखक परिचय, रचना का सार/समीक्षा या उद्देश्य, चरित्र-चित्रण आदि) पूछे जाएंगे, जिनमें से विद्यार्थी को केवल तीन का उत्तर देना होगा। अंक $12 \times 3 = 36$
3. पाँचवां प्रश्न सारे पाठ्यक्रम से सम्बन्धित दस लघु प्रश्नों का (बिना विकल्प के) होगा। परीक्षक प्रश्न देते समय विशेष ध्यान रखेंगे कि प्रश्न वस्तुनिष्ठ नहीं, अपितु संक्षिप्त उत्तर (लगभग छह या सात पंक्तियों तक के) वाले हों। उत्तर की सीमा का निर्देश परीक्षक प्रश्न-पत्र में अवश्य दें। अंक $4 \times 10 = 40$

पत्र दो : साहित्येतिहास और व्याकरण (अनिवार्य पेपर)

कुल अंक : 100

समय : तीन घंटे

पास प्रतिशत : 35

पाठ्यक्रम

- क. हिन्दी साहित्य का इतिहास (केवल आदिकाल और भक्तिकाल) : आदिकाल का नामकरण, परिस्थितियाँ, प्रवृत्तियाँ, चन्दबरदाई और उनके पथ्वीराजरासो की प्रामाणिकता/अप्रामाणिकता। भक्तिकाल की परिस्थितियाँ, प्रवृत्तियाँ, चारों शाखाओं के प्रतिनिधि कवि-कबीर, जायसी, सूरदास तथा तुलसीदास के काव्य की विशेषताएँ, भक्तिकाल-स्वर्णयुग।
- ख. विधागत परिचय : उपन्यास और कहानी – परिभाषा व तत्त्व।
- ग. 1. संज्ञा, सर्वनाम, विशेषण, क्रिया, क्रिया-विशेषण (केवल परिभाषा और भेद, उदाहरण सहित)।
2. मुहावरे, लोकोक्तियाँ (अर्थ बताते हुए वाक्य बनाएँ), शुद्ध/अशुद्ध, पर्यायवाची (कम से कम दो पर्याय अवश्य देने होंगे), विपरीतार्थक शब्द, अनेकार्थक शब्द।

विद्यार्थियों और परीक्षकों के लिए निर्देश

1. इस पत्र के ('क' भाग : साहित्येतिहास का आदिकाल और भक्तिकाल) प्रत्येक काल से परीक्षक 'अथवा' रूपी विकल्प के साथ दो-दो प्रश्न पूछेंगे, जिनमें से परीक्षार्थी को केवल दो के उत्तर देने होंगे। अंक $12 \times 2 = 24$
2. विधागत परिचय (ख-भाग) के अन्तर्गत पाठ्यक्रम में निर्देशित दोनों विधाओं से 'अथवा' रूपी विकल्प सहित दो प्रश्न पूछे जायेंगे, जिनमें से परीक्षार्थी को एक का उत्तर देना होगा। अंक $10 \times 1 = 10$
3. व्याकरण के भाग (1) से परीक्षक शत-प्रतिशत विकल्प सहित दो प्रश्न पूछेंगे, जिनमें से परीक्षार्थी को एक का ही उत्तर देना होगा। अंक $10 \times 1 = 10$
4. व्याकरण के भाग (2) से परीक्षक शत-प्रतिशत विकल्प सहित आठ मुहावरे/लोकोक्तियाँ पूछेंगे, जिनमें से परीक्षार्थी को चार के अर्थ बताते हुए उन्हें वाक्यों में प्रयोग करना होगा। अंक $2 \times 4 = 8$
इस भाग के शेष अंशों से परीक्षक प्रत्येक में से चार-चार शब्द पूछेंगे, जिनमें से परीक्षार्थी को दो-दो शब्दों के अपेक्षानुसार उत्तर देने होंगे। इनका अंक विभाजन इस प्रकार होगा –

शुद्ध/अशुद्ध	–	$1 \times 2 = 2$
पर्यायवाची	–	$1 \times 2 = 2$
विपरीतार्थक	–	$1 \times 2 = 2$
अनेकार्थक	–	$1 \times 2 = 2$
कुल अंक = 8		

5. प्रश्न पत्र के अन्तिम प्रश्न में पूरे पाठ्यक्रम से बिना किसी विकल्प के दस लघु प्रश्न (जिनका उत्तर 6-7 पंक्तियों में हो) पूछे जायेंगे। सभी का उत्तर देना अनिवार्य होगा। अंक - $4 \times 10 = 40$

सहायक पुस्तकें :

1. हिन्दी साहित्य : युग और प्रवृत्तियाँ, नवीन चिन्तन, वीणा अग्रवाल, अरुणोदय प्रकाशन, दिल्ली।
2. भाषा, व्याकरण और काव्यशास्त्र, बजपाल एवं वीणा अग्रवाल, वाक् पब्लिकेशन, नई दिल्ली- 2
3. साहित्यिक विधाएँ : सैद्धान्तिक चिन्तन, मधु धवन, जैनिक् पब्लिशर्स, दिल्ली।

B.A. IST (2011-2012) SANSKRIT

PAPER-A (OPTION - 1) : POETRY, DRAMA AND PROSODY

नोट : पेपर A में दो विकल्पों से एक विकल्प ही लेना है।

Maximum Marks : 100

Time : 3 hrs.

Pass Marks : 35%

INSTRUCTIONS OF THE PAPER-SETTER

1. परीक्षा का माध्यम हिन्दी, पंजाबी, संस्कृत अथवा अंग्रेजी में से कोई भी हो सकता है। प्रश्न-पत्र हिन्दी में होगा।
2. पाठ्यक्रम दो भागों में विभाजित है। प्रथम भाग के लिए साठ अंक तथा द्वितीय भाग के लिए चालीस अंक निर्धारित हैं। प्रथम भाग में दुगुना विकल्प रहेगा। द्वितीय भाग में कोई विकल्प नहीं होगा। द्वितीय भाग के अन्तर्गत चार चार अंकों के दस लघु उत्तर वाले प्रश्न (Short answer type questions) पूछे जाएंगे। इन सब का उत्तर देना अनिवार्य होगा।
3. प्रथम भाग में चार इकाइयाँ हैं प्रत्येक इकाई में निर्धारित पाठ्यक्रम एवं अंक इस प्रकार हैं।

प्रथम इकाई

इस इकाई के अन्तर्गत भर्तृहरि द्वारा रचित “नीतिशतकम्” के एक से पचास तक श्लोक निर्धारित किए गए हैं। इस अंश से कोई चार श्लोक देकर उनमें से किन्हीं दो का प्रसंग, अनुवाद और भाव लिखने को कहा जाए। इनके लिए पन्द्रह अंक नियत हैं।

द्वितीय इकाई

इस इकाई के अन्तर्गत नीतिशतकम् के इक्यावन से सौ तक श्लोक निर्धारित किए गए हैं। इस अंश से कोई चार श्लोक देकर उनमें से किन्हीं दो का प्रसंग, अनुवाद और भाव लिखने को कहा जाए। इनके लिए पन्द्रह अंक निश्चित हैं।

तृतीय इकाई

इस इकाई के अन्तर्गत भास के द्वारा रचित ‘कर्णभारम्’ निर्धारित है।

इस में से कोई चार श्लोक देकर दो की सप्रसंग व्याख्या करने को कहा जाये। इस के पन्द्रह अंक हैं।

चतुर्थ इकाई

इस इकाई के अन्तर्गत पाठ्यक्रम में निर्धारित छन्दों में से कोई 6 छन्द देकर उनमें से किन्हीं तीन का लक्षण उदाहरण एवं समन्वय लिखने को कहा जाए। इनके लिए पन्द्रह अंक अपेक्षित हैं।

SYLLABUS AND COURSE OF READINGS

प्रथम भाग 60 अंक

प्रथम इकाई	:	नीतिशतकम् (1-50 पद्य)	15 अंक
द्वितीय इकाई	:	नीतिशतकम् (51-100 पद्य)	15 अंक
तृतीय इकाई	:	कर्णभारम् (सम्पूर्ण)	15 अंक
चतुर्थ इकाई	:	छन्द	15 अंक

आर्या, अनुष्टुप, इन्द्रव्रजा, उपेन्द्रव्रजा, उपजाति, शालिनी, वंशस्थ, वसन्ततिलका, शिखरिणी, प्रहर्षिणी, शार्दूलविक्रीडित, मालिनी।

40 अंक

द्वितीय भाग :

सम्पूर्ण पाठ्यक्रम पर आधारित अनिवार्य प्रश्न निम्न क्षेत्रों से सम्बन्धित होंगे।

प्रथम इकाई

1. भर्तृहरि का सामान्य परिचय।
2. भर्तृहरि की रचनाओं का परिचय
3. नीतिशतक (1-50 पद्य) में प्रतिपादित मुख्य विषयों में से किसी एक का वर्णन।
4. नीतिशतक (1-50 पद्य) में प्रतिपादित विद्या इत्यादि पद्धतियों में से किसी एक का सार।
5. नीतिशतक (1-50 पद्य) की किसी एक प्रसिद्ध सूक्ति की व्याख्या।

द्वितीय इकाई

1. मुक्तक काव्य का लक्षण तथा इसकी विशेषताएं
2. प्रमुख मुक्तक काव्यों में से किसी एक का संक्षिप्त परिचय।
3. नीतिशतक (51-100 पद्य) में प्रतिपादित नैतिक शिक्षाओं/गुणों में से किसी एक का वर्णन।
4. नीतिशतक (51-100 पद्य) में प्रतिपादित मैत्री इत्यादि पद्धतियों में से किसी एक का सार।
5. नीतिशतक (51-100 पद्य) की किसी एक प्रसिद्ध सूक्ति की व्याख्या।
6. नीतिशतक (51-100 पद्य) में व्यावहारिक तत्त्व।

तृतीय इकाई

1. भास का सामान्य परिचय।
2. भास की रचनाओं में से किसी एक का परिचय (कर्णभारम् को छोड़कर)
3. कर्णभारम् के अंक का कथासार।
4. उक्त नाटक में प्रयुक्त नान्दी इत्यादि किसी एक पारिभाषिक शब्द पर टिप्पणी।
5. उक्त नाटक के कर्ण इत्यादि प्रमुख पात्रों में से किसी एक का चरित्र चित्रण।
6. भास की नाट्यकला।

चतुर्थ इकाई

1. छन्द की परिभाषा तथा उसका महत्व।
2. समवत का लक्षण और उदाहरण।
3. अर्धसमवत का लक्षण और उदाहरण।
4. विषमवत का लक्षण और उदाहरण।
5. गण परिचय।
6. गुरुलघु विधान/अक्षर तथा मात्रा गणना सम्बन्धी नियम।

PRESCRIBED TEXT BOOKS

1. भर्तृहरि, नीतिशतकम् (सम्पूर्ण) सत्यपाल रणदेव सम्पादक, जालन्धर, भारतीय संस्कृत भवन भाई हीरां गेट 1969।
2. भास, कर्णभारम्
(हिन्दी अनुवाद सहित) चौखम्बा प्रकाशन वाराणसी।
3. केदार भट्ट विरचित वत्तरत्नाकर, जालन्धर, चरणदास शास्त्री (सम्पादक), भारतीय संस्कृत भवन, भाई हीरां गेट
सम्बत् 2013 निर्धारित छन्दों के साथ कोष्ठक में पष्ठ संख्या अंकित है।
आर्या (20) अनुष्टुप् (73) इन्द्रव्रजा (82) उपेन्द्रव्रजा (83) उपजाति (84) मालिनी (87) वंशस्थ (94) वसन्ततिलका
(112) शिखरिणी (118) प्रहर्षिणी (107) शार्दूल विक्रीडित (124)

BOOKS RECOMMENDED

1. पाण्डेय, चन्द्रशेखर, संस्कृत साहित्य की रूपरेखा, कानपुर साहित्य निकेतन, श्रद्धानन्द पार्क, 1988 भर्तृहरि तथा नीतिशतक – पष्ठ 242 से 247 तक महाकवि भास – पष्ठ 75 से 92 तक।
2. व्यास, भोलाशंकर, संस्कृत कवि दर्शन, वाराणसी, चौखम्बा विद्याभवन, 1968 भास पष्ठ 249 से 255 तक।

3. भट्ट केंदार, वत्तरत्नकर, सं. चरणदास शास्त्री, भारती संस्कृत भवन, माई हीरा गेट, जालंधर।

PAPER B : GRAMMAR COMPOSITION AND TRANSLATION

Maximum Marks : 100

Time : 3 hrs.

Pass Marks : 35%

INSTRUCTIONS OF THE PAPER-SETTER

1. परीक्षा का माध्यम हिन्दी, पंजाबी, संस्कृत अथवा अंग्रेजी में से कोई भी हो सकता है। प्रश्न-पत्र हिन्दी में होगा।
2. पाठ्यक्रम दो भागों में विभाजित है। प्रथम भाग के लिए साठ अंक तथा द्वितीय भाग के लिए चालीस अंक निर्धारित हैं। प्रथम भाग में दुगुना विकल्प रहेगा। द्वितीय भाग में कोई विकल्प नहीं होगा। द्वितीय भाग के अन्तर्गत चार चार अंकों के दस लघु उत्तर वाले प्रश्न (Short answer type questions) पूछे जाएंगे। इन सब का उत्तर देना अनिवार्य होगा।
3. प्रथम भाग में चार इकाइयां हैं प्रत्येक इकाई में निर्धारित पाठ्यक्रम एवं अंक इस प्रकार हैं।

प्रथम इकाई

इस इकाई के अन्तर्गत सन्धि समास और कदन्त निर्धारित हैं। जिनके लिए क्रमशः पाँच पाँच (कुल पन्द्रह अंक) नियत हैं। इनमें से दस शब्द देकर किन्हीं पांच में सन्धि और सन्धि विच्छेद, दस पदों में से पाँच में विग्रह और विग्रह से समस्तपद तथा पाठ्यक्रम में निर्धारित किन्हीं दस धातुओं के साथ और विग्रह से समस्तपद तथा पाठ्यक्रम में निर्धारित किन्हीं दस धातुओं के साथ निर्धारित कदन्त-प्रत्यय देकर उनमें से किन्हीं पांच के सिद्ध रूप पूछे जाएँ।

द्वितीय इकाई

इस इकाई के अन्तर्गत कोई छः शब्द देकर उनमें से किन्हीं तीन के सभी विभक्तियों में सिद्ध रूप लिखने को कहा जाए। इसके लिए 15 अंक नियत हैं।

तृतीय इकाई

इस इकाई के अन्तर्गत कोई छः धातु देकर उनमें से किन्हीं तीन के निर्धारित लकारों में से किसी एक लकार में सिद्ध रूप लिखने का कहा जाए। इनके लिए 15 अंक नियत हैं।

चतुर्थ इकाई

इस इकाई के अन्तर्गत अनुवाद निर्धारित है। अनुवाद के लिए पन्द्रह अंक नियत हैं। इसमें हिन्दी के बीस सरल वाक्य देकर उनमें से किन्हीं दस का संस्कृत में अनुवाद करने को कहा जाए।

SYLLABUS AND COURSE OF READINGS

प्रथम भाग

प्रथम इकाई	60 अंक
प्रथम इकाई : सन्धि, समास और कदन्त	15 अंक
1. स्वर सन्धि	5 अंक
2. अव्ययी भाव और द्वन्द्व समास	5 अंक
3. कदन्त प्रत्यय	5 अंक
तव्यत्, अनीयर, क्तवत्, शानच्, क्त, तमुन्। (पाठ्यक्रम में धातु रूप के लिए निर्धारित धातुओं के ही।) उन में सिद्ध रूप जैसे पत्+क्त्वा – पतित्वा – अपेक्षित हैं।	
द्वितीय इकाई : शब्द रूप	15 अंक
राम, लता, पति, नदी, मात, महत्, बुद्धिमत्, मरुत्, भवत्, सुहृद्, सरित्, श्रीमत्, तावत्, पथिन्, आत्मन्, राजन्, अस्मद् तथा युष्मद्, इदम्, यत् और तत्, (केवल इन तीन शब्दों के तीनों लिंगों में)	
तृतीय इकाई : यथानिर्दिष्ट धातुरूप	15 अंक
लट्, लोट्, लङ्, विधिलिङ् तथा लट् केवल – इन पांच लकारों में भ्वादि : भू, वद्, हस्, गम्, पा, पच्, पत्, स्म,	

दश्, (परस्मैपद) लभ् सेव, याच् (आत्मनेपद)

अदादि : या, विद्, शास्, ब्रू, हन् (परस्मै)

दिवादि : दिव्, नत् (परस्मै)

तनादि : चुर, कथ् (परस्मै)

चतुर्थ इकाई : अनुवाद

15 अंक

सरल अनुवाद पाठ्य क्रम में निर्धारित व्याकरण एवं सामान्य कारकों के आधार पर।

द्वितीय भाग :

40 अंक

सम्पूर्ण पाठ्यक्रम पर आधारित अनिवार्य प्रश्न निम्न क्षेत्रों से सम्बन्धित होंगे।

प्रथम इकाई

10 अंक

1. सन्धि की परिभाषा और प्रकारों में से किसी एक का सोदाहरण वर्णन।
2. समास की परिभाषा और प्रकारों में से किसी एक का सोदाहरण वर्णन।
3. कदन्त की परिभाषा।
4. पाठ्यक्रम में निर्धारित कदन्त प्रत्ययों में किन्हीं दो का निर्धारित धातुओं के साथ सिद्ध रूप।

द्वितीय इकाई

10 अंक

1. संज्ञा और सर्वनाम में से किसी एक की सोदाहरण परिभाषा।
2. लिंग और वचन में से किसी एक की सोदाहरण परिभाषा और भेद।
3. विभक्ति की परिभाषा एवं उनके चिह्न।
4. पाठ्यक्रम में निर्धारित शब्द रूपों में से किन्हीं चार के प्रयोग पर व्याकरणात्मक टिप्पणी, यथा—रामाय—राम (पुं) चतुर्थी एक वचन।

तृतीय इकाई

10 अंक

1. लकार का स्वरूप एवं प्रकार।
2. धातुओं के साथ जुड़ने वाले पांच लकारों (लिट्, लोट्, लङ्, विधिलिङ् और लट्) के प्रत्यय।
3. आत्मनेपद और परस्मैपद में से किसी एक का सोदाहरण स्वरूप विचार।
4. पाठ्यक्रम में निर्धारित धातु में से किन्हीं चार के प्रयोग पर व्याकरणात्मक टिप्पणी यथा—भ्वादि—भू लङ्, उत्तम पुरुष, एकवचन।

चतुर्थ इकाई

10 अंक

1. कर्तवाच्य की परिभाषा उदाहरण सहित।
2. कर्मवाच्य की सोदाहरण परिभाषा।
3. भाववाच्य की सोदाहरण परिभाषा।
4. अनुवाद के सामान्य नियम।

BOOKS RECOMMENDED

1. विजयचन्द्रशास्त्री एवं सी आर. नागपाल, संस्कृत व्याकरण प्रबोध, नीलम पब्लिशर्स अड्डा टांडा, जालन्धर, 1985
2. द्विवेदी कपिलदेव, प्रारंभिक रचनानुवाद कौमुदी, विश्वविद्यालय प्रकाशन वाराणसी, 1996 ई. प्रथम पन्द्रह अभ्यास, पृष्ठ 2-31 तक।
3. खोखर जीत सिंह, रूप संस्कृत व्याकरण, पैप्सू बुक डिपू, पटियाला।

ਧਰਮ ਅਧਿਐਨ ਪੇਪਰ ਏ (ਭਾਰਤੀ ਧਰਮ)

ਕੁੱਲ ਅੰਕ : 100

ਸਮਾਂ : 3 ਘੰਟੇ

ਵਿਸ਼ੇ ਵਿਚੋਂ ਪਾਸ ਹੋਣ ਲਈ ਅੰਕ : 35%

ਪੇਪਰ ਸੈਟਰ ਲਈ ਹਦਾਇਤਾਂ

ਪੇਪਰ ਦੇ ਪੰਜ ਭਾਗ ਹੋਣਗੇ : ਓ, ਅ, ਏ, ਸ ਅਤੇ ਹ। ਭਾਗ ਓ, ਅ, ਏ, ਸ ਵਿਚੋਂ ਦੋ-ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ ਅਤੇ ਹਰ ਪ੍ਰਸ਼ਨ ਦੇ 15 ਅੰਕ ਹੋਣਗੇ। ਭਾਗ ਹ ਵਿਚ ਸੰਖੇਪ ਉੱਤਰਾਂ ਵਾਲੇ 10 ਪ੍ਰਸ਼ਨ ਹੋਣਗੇ, ਜਿਹੜੇ ਸਾਰੇ ਸਿਲੇਬਸ ਵਿਚੋਂ ਹੋਣਗੇ ਅਤੇ ਉਨ੍ਹਾਂ ਦੇ ਅੰਕ 40 ਹੋਣਗੇ। ਹਰ ਸੰਖੇਪ ਉੱਤਰ ਵਾਲੇ ਪ੍ਰਸ਼ਨ ਦੇ 4 ਅੰਕ ਹੋਣਗੇ। ਵਿਦਿਆਰਥੀ ਨੇ ਹਰ ਛੋਟੇ ਪ੍ਰਸ਼ਨ ਦਾ ਉੱਤਰ 50 ਸ਼ਬਦਾਂ ਵਿਚ ਭਾਵ 7-10 ਲਾਈਨਾਂ ਵਿਚ ਦੇਣਾ ਹੋਵੇਗਾ।

ਪਰੀਖਿਆਰਥੀ ਲਈ ਹਦਾਇਤਾਂ

ਭਾਗ 'ਹ' ਦਾ ਉੱਤਰ ਦੇਣਾ ਜ਼ਰੂਰੀ (Compulsory) ਹੈ। ਇਸ ਵਿਚ ਵਿਦਿਆਰਥੀ ਨੇ ਹਰ ਛੋਟੇ ਪ੍ਰਸ਼ਨ ਦਾ ਉੱਤਰ 50 ਸ਼ਬਦਾਂ ਵਿਚ ਭਾਵ 7-10 ਲਾਈਨਾਂ ਵਿਚ ਦੇਣਾ ਹੋਵੇਗਾ ਅਤੇ ਭਾਗ ਓ, ਅ, ਏ, ਸ ਵਿਚੋਂ ਕੇਵਲ ਇੱਕ-ਇੱਕ ਪ੍ਰਸ਼ਨ ਦਾ ਉੱਤਰ ਵਿਦਿਆਰਥੀ ਵਲੋਂ ਦਿੱਤਾ ਜਾਵੇਗਾ। ਇਸ ਤਰ੍ਹਾਂ ਕੁੱਲ ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹਨ।

ਭਾਗ (ਓ) : ਵੈਦਿਕ ਮਤ

1. ਵੇਦ - ਜਾਣ ਪਛਾਣ
2. ਵੈਦਿਕ ਦੇਵਤੇ - ਵਰੁਣ, ਅਗਨੀ, ਇੰਦਰ
3. ਬਲੀ ਅਤੇ ਯੱਗ

ਭਾਗ (ਅ) : ਜੈਨ ਮਤ

1. ਭਗਵਾਨ ਮਹਾਂਵੀਰ - ਜੀਵਨ ਬਿਰਤਾਂਤ
2. ਸਿੱਖਿਆਵਾਂ
3. ਪੰਜ ਮਹਾਂਵਰਤ-ਅਹਿੰਸਾ, ਸੱਚ, ਅਸਤੰਯ, ਅਪਰਿਗ੍ਰਹ, ਬ੍ਰਹਮਚਰਯ।

ਭਾਗ (ਏ) : ਬੁੱਧ ਮਤ

1. ਭਗਵਾਨ ਬੁੱਧ-ਜੀਵਨ ਤੇ ਬਿਰਤਾਂਤ
2. ਸਿੱਖਿਆਵਾਂ
3. ਚਾਰ ਆਰੀਆ ਸੱਤ-ਦੁੱਖ, ਦੁੱਖ ਦਾ ਕਾਰਨ, ਦੁੱਖ ਦੀ ਨਵਿਰਤੀ ਅਤੇ ਦੁੱਖ ਨਵਿਰਤੀ ਦਾ ਮਾਰਗ।

ਭਾਗ (ਸ) : ਧਰਮ ਸੰਸਕਾਰ

1. ਜਨਮ ਸੰਸਕਾਰ (ਜੈਨ ਧਰਮ, ਬੁੱਧ ਧਰਮ ਤੇ ਹਿੰਦੂ ਧਰਮ)
2. ਧਰਮ ਪਰਿਵੇਸ਼ ਸੰਸਕਾਰ
3. ਮਿਤੁ ਸੰਸਕਾਰ

ਭਾਗ (ਹ) : ਸੰਖੇਪ ਉੱਤਰਾਂ ਵਾਲੇ ਦਸ ਪ੍ਰਸ਼ਨ।

RECOMMENDED READINGS

1. Harbans Singh & L.M. Joshi : *An Introduction to Indian Religions*, Punjabi University, Patiala.
2. ਸ਼ਾਂਤੀ ਨਾਥ ਗੁਪਤਾ : *ਭਾਰਤੀ ਦਰਸ਼ਨ* (ਪੰਜਾਬੀ), ਪੰਜਾਬ ਸਟੇਟ ਯੂਨੀਵਰਸਿਟੀ ਟੈਕਸਟ ਬੋਰਡ, ਚੰਡੀਗੜ੍ਹ।
3. ਆਰ.ਡੀ. ਨਿਰਾਕਾਰੀ : (ਓ) ਵੈਦਿਕ ਸ਼ਾਸਤਰ ਕਾ ਸਾਮਾਨਯ-ਪਰਿਚਯ (ਹਿੰਦੀ), ਵੇਦਾਂਤ ਪ੍ਰਕਾਸ਼ਨ, ਪਟਿਆਲਾ।

4. ਹਰਪਾਲ ਸਿੰਘ ਪੰਨੂ : ਪ੍ਰਾਚੀਨ ਭਾਰਤੀ ਧਰਮ, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
5. ਦਲਜੀਤ ਸਿੰਘ : ਭਗਵਾਨ ਗੀਤਾ (ਪੰਜਾਬੀ ਅਨੁਵਾਦ)।
6. ਇਕਬਾਲ ਨਰਾਇਣ ਚੌਪੜਾ : ਭਾਰਤੀ ਦਰਸ਼ਨ (ਪੰਜਾਬੀ), ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
7. ਰਵਿੰਦਰ ਜੈਨ, ਪਰਸੋਤਮ ਜੈਨ, ਭਗਵਾਨ ਮਹਾਂਵੀਰ
8. ਰਵਿੰਦਰ ਜੈਨ, ਪਰਸੋਤਮ ਜੈਨ, ਜੈਨ ਧਰਮ ਇਕ ਸੰਖੇਪ ਜਾਣਕਾਰੀ।

ਪੇਪਰ ਬੀ (ਸਿੱਖ ਧਰਮ)

ਕੁੱਲ ਅੰਕ : 100

ਸਮਾਂ : 3 ਘੰਟੇ

ਵਿਸ਼ੇ ਵਿਚੋਂ ਪਾਸ ਹੋਣ ਲਈ ਅੰਕ : 35%

ਪੇਪਰ ਸੈਟਰ ਲਈ ਹਦਾਇਤਾਂ

ਪੇਪਰ ਦੇ ਪੰਜ ਭਾਗ ਹੋਣਗੇ : ਓ, ਅ, ਏ, ਸ ਅਤੇ ਹ। ਭਾਗ ਓ, ਅ, ਏ, ਸ ਵਿਚੋਂ ਦੋ-ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ, ਅਤੇ ਹਰ ਪ੍ਰਸ਼ਨ ਦੇ 15 ਅੰਕ ਹੋਣਗੇ। ਭਾਗ ਹ ਵਿਚ ਸੰਖੇਪ ਉੱਤਰਾਂ ਵਾਲੇ 10 ਪ੍ਰਸ਼ਨ ਹੋਣਗੇ ਜਿਹੜੇ ਸਾਰੇ ਸਿਲੇਬਸ ਵਿਚੋਂ ਹੋਣਗੇ ਅਤੇ ਉਨ੍ਹਾਂ ਦੇ ਅੰਕ 40 ਹੋਣਗੇ। ਹਰ ਸੰਖੇਪ ਉੱਤਰ ਵਾਲੇ ਪ੍ਰਸ਼ਨ ਦੇ 4 ਅੰਕ ਹੋਣਗੇ। ਵਿਦਿਆਰਥੀ ਨੇ ਹਰ ਛੋਟੇ ਪ੍ਰਸ਼ਨ ਦਾ ਉੱਤਰ 50 ਸ਼ਬਦਾਂ ਵਿਚ ਭਾਵ 7-10 ਲਾਈਨਾਂ ਵਿਚ ਦੇਣਾ ਹੋਵੇਗਾ।

ਪਰੀਖਿਆਰਥੀ ਲਈ ਹਦਾਇਤਾਂ

ਭਾਗ ਹ ਦਾ ਉੱਤਰ ਦੇਣਾ ਜ਼ਰੂਰੀ (Compulsory) ਹੈ ਇਸ ਵਿਚ ਵਿਦਿਆਰਥੀ ਨੇ ਹਰ ਛੋਟੇ ਪ੍ਰਸ਼ਨ ਦਾ ਉੱਤਰ 50 ਸ਼ਬਦਾਂ ਵਿੱਚ ਭਾਵ 7-10 ਲਾਈਨਾਂ ਵਿਚ ਦੇਣਾ ਹੋਵੇਗਾ। ਭਾਗ ਓ, ਅ, ਏ, ਸ ਵਿਚੋਂ ਕੇਵਲ ਇੱਕ-ਇੱਕ ਪ੍ਰਸ਼ਨ ਦਾ ਉੱਤਰ ਵਿਦਿਆਰਥੀ ਵਲੋਂ ਦਿੱਤਾ ਜਾਵੇਗਾ। ਇਸ ਤਰ੍ਹਾਂ ਕੁੱਲ ਪੰਜ ਪ੍ਰਸ਼ਨ ਕਰਨੇ ਹਨ।

ਭਾਗ (ਓ) : ਇਤਿਹਾਸਿਕ ਪੱਖ

1. ਗੁਰੂ ਨਾਨਕ ਦੇਵ ਜੀ, ਜੀਵਨ ਤੇ ਸਿੱਖਿਆਵਾਂ
2. ਗੁਰਿਆਈ ਦੀ ਪਰੰਪਰਾ
3. ਸੰਗਤ ਅਤੇ ਪੰਗਤ

ਭਾਗ (ਅ) : ਸਿੱਖ ਧਰਮ ਗ੍ਰੰਥ

1. ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ-ਮੁਢਲੀ ਜਾਣਕਾਰੀ
2. ਜਪੁਜੀ ਸਾਹਿਬ- ਮੁਢਲੀ ਜਾਣਕਾਰੀ
3. ਬਾਰਹ ਮਾਹ ਮਾਝ-ਮੁਢਲੀ ਜਾਣਕਾਰੀ

ਭਾਗ (ਏ) : ਸ਼ਹਾਦਤ ਪਰੰਪਰਾ ਅਤੇ ਪ੍ਰਭਾਵ

1. ਸ਼ਹਾਦਤ ਦਾ ਸੰਕਲਪ
2. ਗੁਰੂ ਅਰਜਨ ਦੇਵ ਜੀ ਦੀ ਸ਼ਹਾਦਤ ਅਤੇ ਪ੍ਰਭਾਵ
3. ਗੁਰੂ ਤੇਗ ਬਹਾਦਰ ਸਾਹਿਬ ਜੀ ਦੀ ਸ਼ਹਾਦਤ ਅਤੇ ਪ੍ਰਭਾਵ

ਭਾਗ (ਸ) : ਸਿੱਖ ਸੰਸਥਾਵਾਂ

1. ਗੁਰਦੁਆਰਾ
2. ਮੀਰੀ ਪੀਰੀ
3. ਖਾਲਸਾ

ਭਾਗ (ਹ) : ਸੰਖੇਪ ਉੱਤਰਾਂ ਵਾਲੇ ਦਸ ਪ੍ਰਸ਼ਨ

RECOMMENDED READINGS

1. ਗੰਡਾ ਸਿੰਘ, ਤੇਜਾ ਸਿੰਘ, *ਸਿੱਖ ਇਤਿਹਾਸ-ਭਾਗ 1*, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
2. Teja Singh, *Ideals and Institutions of Sikhism*.
3. ਸਰਦੂਲ ਸਿੰਘ ਕਵੀਸ਼ਰ, *ਸਿੱਖ ਧਰਮ ਦਰਸ਼ਨ*, ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।
4. ਮਹਿੰਦਰ ਕੌਰ ਗਿੱਲ, ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ ਦੀ ਸੰਪਾਦਨ ਕਲਾ।
5. ਪਿਆਰਾ ਸਿੰਘ ਪਦਮ, ਸ੍ਰੀ ਗੁਰੂ ਗ੍ਰੰਥ ਪ੍ਰਕਾਸ਼।
6. ਤਾਰਨ ਸਿੰਘ, ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ ਦਾ ਸਾਹਿਤਕ ਇਤਿਹਾਸ।
7. Rajinder Kaur Rohi, *Japuji Text and Translation*, Punjabi University, Patiala.
8. ਸਾਹਿਬ ਸਿੰਘ, ਜਪੁਜੀ ਸਾਹਿਬ ਸਟੀਕ, ਸਿੰਘ ਬ੍ਰਦਰਜ਼, ਅੰਮ੍ਰਿਤਸਰ।
9. ਸਾਹਿਬ ਸਿੰਘ, ਭਗਤ ਬਾਣੀ ਸਟੀਕ।
10. ਜਸਪ੍ਰੀਤ ਕੌਰ, ਡਿਸਕੋਰਸਿਸ ਆਫ ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ, ਮਦਾਨ ਪਬਲੀਕੇਸ਼ਨਜ਼।
11. ਜਸਪ੍ਰੀਤ ਕੌਰ, ਸਿੱਖ ਇਥਾਸ ਏਟੀਨਥ ਸੈਂਚਰੀ ਪਰੈਸਪੈਕਟਿਵ।
12. ਅਮਨਜੋਤ ਕੌਰ, ਸ੍ਰੀ ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ : ਪ੍ਰਾਚੀਨ ਅਤੇ ਆਧੁਨਿਕ ਪ੍ਰਸੰਗਿਕਤਾ।
13. ਪਰਮਿੰਦਰ ਕੌਰ, ਗੁਰੂ ਗ੍ਰੰਥ ਸਾਹਿਬ, ਸਿਧਾਂਤ ਤੇ ਸੰਦੇਸ਼, ਗ੍ਰੇਸੀਅਸ ਬੁਕਸ, ਪਟਿਆਲਾ।

GURMAT SANGEET**PAPER-A : (THEORY)**

Max. Marks: 100

Pass Marks: 35% in the subject

Time Allowed: 3 Hours

(Theory and Practical separately)

Note : Alongwith Gurmat Sangeet, the candidate can also take music Instrumental and Tabla elective subjects.

INSTRUCTIONS FOR THE PAPER SETTER

- (i) The question paper will consist of five sections : A, B, C, D and E. Section A, B, C and D will have two questions from the respective sections of the syllabus and will carry 15 marks each. Section E will consist of 10 short answer type questions which will cover the entire syllabus uniformly and will carry 40 marks in all.
- (ii) While sending the syllabus to Paper Setter the syllabus prescribed for Practical Paper should also be sent.

INSTRUCTIONS FOR THE CANDIDATES

Candidates are required to attempt one question each from the sections A, B, C and D of the question paper and entire section E.

SECTION-A

- I(A). Technical Terminology (General) : Naad, Sur, Raag, Sandhi-Prakash Raag, Thaat, Vaadi - Samvaadi, Varjit Sur, Alankaar, Sathaaee, Antraa, Taan, Saptak, Jaatee, lakshan Geet, Alaap.
- (B) Technical Terminology (Gurmat Sangeet) : Raag, Rahaao, Ank, Ghar, Jaatee, Dhuni, Shaan, Manglaacharan, Keertan Chauki, Parhtaal, Hast-Vidhi, Theka, Sam, Taali-Khaalli, Avartan.
2. Contribution of Guru Nanak Dev, Guru Angad Dev and Guru Amardas in the development of Gurmat Sangeet tradition.

SECTION-B

1. Importance of Shabad Keertan in-Sikhism.
2. Sri Guru Granth Sahib- An Introduction.

SECTION-C

1. Detailed description of the following ragas in comparsion to their samprakritik ragas and notation.
2. Detailed description with notation of the following talas : Paurhi, Dadra, Kehrwaa, Roopak, Ektaal, Chaartaal.

SECTION-D

Introduction of the following in English and Punjabi :

1. Self.
2. Sikhism.

3. Gurmat Sangeet.
4. Any raag and taal of your syllabus.

BOOKS PRESCRIBED

1. Sri Guru Granth Sahib Raag Ratnavli (Prof. Tara Singh) : Punjabi University, Patiala.
2. Gurmat Sangeet Prabandh te Pasaar (Dr. Gurnam Singh) : Punjabi University, Patiala.
3. Gurmat Sangeet Vich Paryukt Lok Sangeetak Tat (Dr. Gurpratap Singh Gill) : Punjabi University, Patiala.
4. Sangeet (Gurmat Sangeet Vishesh Ank) : Sangeet karayalaya, Hathras
5. Amrit Kirtan (Gurmat Sangeet Vishesh Ank) : Amrit Kirtan Trust, Chandigarh.
6. Punjab da Sangeet : Virsaa te Vikaas (Dr. D.S. Narula) : Punjab Writers co-operative society, New Delhi.
7. Gurmat Sangeet Vishesh Ank (Editor Dr. Jasbir Kaur) : Punjabi University, Patiala.
8. Guru Nanak Sangeet Padhti Granth Part I & II (Editor Sukhwant Singh) : Gur Gian Prakash, Jawaddi Kalan, Ludhiana.
9. Sangeet Sidhant te sohaj shaster (Dr. D.S. Narula) : Punjabi University, Patiala.
10. Sangeet Roop, (Dr. Devinder Kaur) : Sangeetanjali Publications, Patiala.
11. Sri Guru Granth Sahib Raag Ratnakar (Dr. Gurnam Singh) : SGPC, Amritsar.

PAPER-B (PRACTICAL)

Max. Marks : 100

Pass Marks : 35% in the subject

Time allowed : 20 Minutes

(Theory and Practical separately)

- | | | |
|-------|---------------|----------|
| (i) | Hazoori Gayan | 50 marks |
| (ii) | Viva | 20 marks |
| (iii) | Tanti Saaz | 15 marks |
| (iv) | Taal Saaz | 15 marks |

INSTRUCTIONS FOR THE PAPER-SETTER

- (i) There should not be more than eight students in a batch for practical examination.
- (ii) Harmonium is allowed as an accompaniment. Preference will be given to the students reciting Shabad Keertan along with string instruments of Gurmat Sangeet.
- (iii) Separate practical paper should be set from practical Paper B of prescribed syllabus.

INSTRUCTIONS FOR THE CANDIDATES

Harmonium is allowed as an accompaniment. Preference will be given to the students reciting Shabad Keertan along with string instruments of Gurmat

Sangeet.

1. Keertan of first six Chhants of Asaa Dee Waar.
2. So-Dar Dee Keertan Chauki.
3. Keertan of Anand Sahib.
4. Introduction of Ragas prescribed in the syllabus :
Asaa, Raamkali, Bhairo, Parbhaatee, Gaurhee (Bhairav Ang).
5. Practical performance of Talas of the course on Tabla and by Hast Vidhi :
Paurhi, Dadra, Kehrwaa, Roopak, Ektaal, Chaartaal.

BOOKS PRESCRIBED

1. Sri Guru Granth Sahib Raag Ratnavli (Prof. Tara Singh) : Punjabi University, Patiala.
2. Gurmat Sangeet Prabandh te Passar (Dr. Gurnam Singh) : Punjabi University, Patiala.
3. Sri Guru Granth Sahib Raag Ratnakar (Dr. Gurnam Singh) : SGPC, Amritsar.
4. Sikh Musicology (Dr. Gurnam Singh) : Kanishka Publishers, Delhi.
5. Gurmat Sangeet Darpan Part I and II (Prof. Kartar Singh) : SGPC, Amritsar.
6. Gurbani Sangeet Darpan (Prof. Kartar Singh) : SGPC, Amritsar.
7. Gurbani Sangeet Pracheen Reet Ratnawali Part I and II (Bhai Avtar Singh Gurcharan Singh) : Punjabi University, Patiala.
8. Gurbani Sangeet Part I and II (Giani Gian Singh Abtabad) : SGPC, Amritsar.