BA. (General) Part-III
I. ENGLISH
PAPER-A

Max. Marks : 45~
Int. Evaluation : 5
Time : 3 Hours

Prescrbied Books :

1. Poetry : The Eternal Muse edited by Dr. Brajesh Sawhney, Reader, Dept. of English, K.U.K. and Dr. Neena Malhotra, Head, Dept. of English, S.D. College Ambala Cantt.

2. Play : Macbeth by William Shakespeare
    The following editions are recommended :
    (i)   New Cambridge Shakespeare
    (ii) New Arden
    (iii) Verity Edition
    (iv) Clarendon
    (v)   Signet Classics

Scheme of Examination :

Q.1 (a) One passage (with internal choice) for explanation with reference to the context from The Eternal Muse will be set.

(b) Similarly, there will be one passage (with internal choice) for explanation with reference to the context from Macbeth. (4+4=8 marks)

Q.2. Two short questions (with internal choice) each on potery and the play requiring critical understanding of the poems and the play. (4+4 = 8 marks)

Q.3. One essay-type question (with internal choice) on the book of Poems requiring first-hand appreciation of the poems. (10 marks) *8 marks*

Q.4. One essay-type question (with internal choice) on the play, requiring first-hand appreciation of the text (including appreciation of the theme/character/plot). (9 marks) *8 marks*

Q.5 (a) 4 out of 10 short-answer type questions on the poems in The Eternal Muse to be attempted. (5 marks) *4 marks*

(b) 4 out of 10 short-answer type questions on Macbeth shall have to be attempted. (5 marks) *4 marks*

2 - no   2

2

4 × 2 (each)
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Amendment in allocation of marks recommended subject to the approval of UGBOS. *DeepDhawan*

PAPER-B

Prescribed Books :

1. A Text-book of English Grammar and Composition edited by
    (i) Dr. S.C. Sharma, Head, Dept. of English, University College, Kurukshetra.
    (ii) Sh. Shiv Narain, Sr. Lecturerr in English, University College, Kurukshetra.
    (iii) Sh. Pankaj Sharma and (iv) Dr. Gulab Singh, Hindu College, Sonepat.

    The Text Book of Grammar will focus on the following items :
    (a) Essay : 400 words   10 marks
    (b) Letter/Application (Exlcuding personal letters)   8 marks
    (c) Precis   7 marks
    (d) Vocabulary : Synonyms, Antonyms, One Word Substitution   5 marks
    (e) Correction of incorrect sentences/Do as directed   5 marks

2. The Spectrum of Life : A Selection of Modern Essays consisting of 10-12 essays of moderate length to be edited by Dr. M. K. Bhatnagar, Prof. and Head, Dept. of English, M.D.U. Rohtak.   (10 marks)

Scheme of Examination :

Q.1 (a) The students shall be required to attempt an essay of approximately 400 words, on any topic out of the four given in the question-paper. The topics may be of description, literary or general nature.   (10 marks) — 8 marks

Q.2. One question with internal choice will be set asking the students to write a letter/application. (Personal/Business Correspondence)   (8 marks) — 6 marks

Q.3. Precis of a given prose apssage of about 150 to 200 words (with internal choice).
                                                                   (7 marks) 6 marks

Q.4. Grammar (Vocabulary : Synonyms, Antonyms, One-word-substitution and correction of incorrect sentences including items covered in the exercises contained in the book of essays).   (10 marks)

Q.5. One essays type question with internal choice on The Spectrum of Life : A Selection of Modern Essays.   (10 marks)

Amendments Recommended subject to the approval of the UG-BOS.

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2. हिन्दी (अनिवार्य)

1. **हरियाणवी लोकधारा :**

1.1 हरियाणवी लोकधारा पुस्तक से व्याख्या के लिए चार अवतरण पूछे जायेंगे। परीक्षार्थियों को इनमें से दो की सप्रसंग व्याख्या करनी होगी। प्रत्येक व्याख्या सात सात अंकों की होगी।

1.2 हरियाणवी लोकधारा पाठ्य-पुस्तक में से किन्हीं दो रचनाकारों का साहित्यिक परिचय पूछा जायेगा जिनमें से परीक्षार्थियों को एक का परिचय लिखना होगा। यह प्रश्न आठ अंकों का होगा।

1.3 पाठ्य-पुस्तक की 'अनुशीलनी' में से निर्धारित प्रश्नों में से कोई दो प्रश्न पूछे जायेंगे, जिनमें से एक का उत्तर देना होगा। यह प्रश्न आठ अंकों का होगा।

1.4 पाठ्य-पुस्तक के पृष्ठ संख्या 109 से 120 (हरियाणवी लोकगीत) तथा पृष्ठ संख्या 121 से 149 तक (हरियाणवी लोककथा) नामक पाठ छात्रों के लिए पठनीय रहेंगे, वार्षिक परीक्षा में इनमें से कोई प्रश्न नहीं पूछा जायेगा।

1.5 व्याख्या के लिए पद्यांश सभी निर्धारित-27 कवियों में से कहीं से भी पूछे जा सकते हैं।

1.6 साहित्यिक परिचय तथा प्रश्नोत्तर केवल निम्नलिखित 11 कवियों में से ही पूछे जायेंगे :-1. गरीबदास, 2. नितानन्द, 3. अहमदबख्श थानेसरी, 4. दीपचन्द, 5. बाजेभगत, 6. लख्मीचन्द, 7. मांगेराम, 8. रामकिशन व्यास, 9. फौजी मेहर सिंह, 10. जगदीश चन्द्र वत्स, 11. हरिकेश पटवारी।

2. **प्रयोजनमूलक हिन्दी और काव्यांग :**

2.1 प्रयोजन-मूलक हिन्दी और काव्यांग पुस्तक से चार प्रश्न पूछे जायेंगे, जिनमें से परीक्षार्थियों को दो प्रश्नों के उत्तर देने होंगे। प्रत्येक प्रश्न दस-दस अंकों का होगा।

2.2 काव्यांग से रस (विविध रस भेद और अलंकार) अनुप्रास, श्लेष, यमक, वीप्सा, पुनरूक्ति प्रकाश, उपमा, रूपक, उत्प्रेक्षा, अतिशयोक्ति, मानवीकरण निर्धारित है। इनमें दो रसों के और दो अलंकारों के उदाहरण सहित लक्षण पूछे जायेंगे। परीक्षार्थियों को एक रस और एक अलंकार के सोदाहरण लक्षण लिखने होंगे। यह प्रश्न $4\frac{1}{2} + 4\frac{1}{2} = 9$ अंकों का होगा।

2.3 निर्धारित समग्र पाठ्य-पुस्तक से छः लघूत्तरी प्रश्न पूछे जायेंगे। जिनमें से परीक्षार्थियों को

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कुछ पूछे...उत्तर (250 शब्दों में) का होगा। प्रत्येक प्रश्न पांच अंकों का तथा यूग प्रश्न दस अंकों का होगा।

3. हिन्दी साहित्य का इतिहास (आदिकाल एवं मध्यकाल) इसमें से चार प्रश्न पूछे जायेंगे, जिनमें से परीक्षार्थियों को दो प्रश्नों के उत्तर देने होंगे। प्रत्येक प्रश्न आठ आठ अंकों के होंगे। हिन्दी साहित्य का इतिहास (आदिकाल एवं मध्यकाल) का पाठ्य विषय :

(1) हिन्दी साहित्य का इतिहास काल विभाजन, (2) आदिकाल का नामकरण, (3) आदिकाल की परिस्थितियाँ, (4) आदिकाल की प्रवृतियाँ, (5) भक्तिकालीन परिस्थितियाँ, (6) संत काव्यधारा की विशेषताएं, (7) प्रेमाश्रयी काव्यधारा की विशेषताएँ, (8) रामकाव्यधारा की विशेषताएं, (9) कृष्णकाव्यधारा की विशेषताएं, (10) भक्तिकाल : स्वर्णयुग, (11) रीतिकाल की परिस्थितियाँ, (12) रीतिकाल का नामकरण (13) रीतिकाल की विशेषताएँ, (14) रीतिमुक्त काव्य की विशेषताएं।

पाठ्य ग्रन्थ :

1. हरियाणवी लोकधारा, कुरुक्षेत्र विश्वविद्यालय, कुरुक्षेत्र
2. प्रयोजनमूलक हिन्दी और काव्यांग
3. हिन्दी साहित्य का इतिहास, म.द.वि. रोहतक

(रामचन्द्र शुक्ल)

Amenedments recommended subject to the approval of UG BOS in Hindi. *Anu Shukla*

Recommended for purchase Ashu 8/01/2014

3. हिन्दी (ऐच्छिक)

पूर्णांक : 90
आन्तरिक मूल्यांकन : 10
समय : 3 घण्टे

1. आंसू :   30 अंक
प्रदत्त चार काव्यांशों में से दो की सप्रसंग व्याख्या करनी होगी। पूछे गये दो समीक्षात्मक प्रश्नों में से एक का उत्तर देना होगा। व्याख्या के लिए बीस (10+10) तथा समीक्षात्मक प्रश्न के लिए दस अंक नियत है।

2. महाभोज :   20 अंक
प्रदत्त दो गद्यांशों में से किसी एक की सप्रसंग व्याख्या करनी होगी। पूछे गए दो समीक्षात्मक प्रश्नों में से एक का उत्तर देना होगा। व्याख्या के लिए दस तथा समीक्षा के लिए दस अंक नियत है।

3. हिन्दी साहित्य का इतिहास (आधुनिक काल)   30 अंक
निर्धारित प्रश्नों (आधुनिक युग की परिस्थितियाँ, भारतेन्दुयुगीन काव्य, द्विवेदीयुगीन काव्य,

	Barraclough, G.	:	An Introduction to Contemporary History (Pearson 1968).
3.	Bronowski, J. and Bruce Mazlish	:	The Western Intellectual Tradition (Ayer Co Publication, 1960).
4.	Bury, J.P.T.	:	France, 1840 (Routledge, Chapman and Hall, 19).
5.	Carr. E.H.	:	The Bolshevik Revolution, 1917-23, 3 vols (Macmillan 1950, 1951 and 1953).
6.	Davies, H.A.	:	Outline History of the World ed.
7.	Fisher, H.A.L.	:	A History of Europe (London, Fontana Library, 1969).1
8.	Henderson, O.P.	:	The Industrial Revolution on the Continent.
9.	Hill, Christopher	:	From Reformation to Industrial Revolution (Penguin, 1970).
10.	Hill Christopher	:	Lenin and the Russian Revolution, (Penguin 1978).
11.	Hinsley, F.H. (ed.)	:	Modern History : Material Progress and World Wide Problems.
12.	Joll, James	:	Europe Since 1870 : An International History (Harper-Row, 1973).
13.	Langer, W.L.	:	Diplomacy of Imperialism.
14.	Langer, W.L.	:	European Alliances and Alignments (Greenwood, 1977).
15.	Lefebvre, Georges	:	Coming of the French Revolution (Princeton, 1989).
16.	Palmer, R.A. and Cotton Joel.	:	A History of Modern World, 6th ed. (McGraw, 1982)
17.	Parks, H.B.	:	The United States of America.
18.	Randal, J.G. and	:	The Civil War of Reconstruction, 2nd Ed. (rev.) Health 1969.
19.	Rolls, Eric	:	History of Economic Thought
20.	Rude, George	:	Revolutionary Europe (1984).
21.	Saboul, A.	:	The French Revolution.
22.	Stavrianos, L.S.	:	The World Since 1500 (1928).
23.	Taylor, A.J.P.	:	The Origins of the Second World War.
24.	Taylor, A.J.P.	:	The Struggle for Mastery in Europe (OUP, 1954).
25.	Thompson, David,	:	Euorpe Since Napolean (Penguin, 1957, 1966).

9. ECONOMICS

Max. Marks : ~~90~~ 80
Int. Evaluation : ~~10~~ 20
Time : 3 Hours

Note : The question-paper will carry a maximum of 90 marks and it will consist of nine questions out of which the candidate would be required to attempt five questions.

Each question will carry (18)marks. The first question will be compulsory and it will include objective type questions (10 marks) and short definitional type questions (8 marks) uniformly spread over both parts of the syllabus. The remaining 8 questions will include 2 questions from each of the four units and candidate would be required to attempt one question from each unit.

Preamble :

The Part-A of this paper entitled "Development and Environmental Economics" is intended to enable the students to know about theories of growth and development. This part also deals with issues relating to sustainable development, environmental protection and pollution control.

The Part-B of this paper entitled "International Economics" is designed to provide the students thorough understanding and deep knowledge about the basic principles that tend to govern the free flow of trade in goods and services at the global level. It also lays stress both on theory and applied nature of the subject that have registered rapid changes during the last decade.

Part-A
Development and Environmental Economics

Unit-I

Economics growth and development; Determinants and measurment of development: Vicious circle of poverty, Development with unlimited supply of labour, Balanced and unbalanced growth, Critical minimum effort thesis (Harvery Leibenstein).

Unit-II

Environment as a necessity and luxury; Population-environment linkage: Market failure in case of environmental goods; Environment as a public good; Prevention and control of pollution: Environmental legislation, Meaning, importance and indicators of sustainable development.

Part-B
International Economics

Unit-III

Inter-regional and international trade, Comparative advantage theory: Heckcher-Ohlin theroy; Grain from trade-their measurment and distribution: Trade as an engine of economic growth.

Unit-IV

Meaning of balance of paymens equilibrium; Causes and effects of BOP disequilibrium.

The scheme of examinations may please be followed as per the pattern of B.A. IInd Year Economics www. of distance. It will be subjected to the approval of UBBos Singh

Books :

1. Finkle Jason L and C.   : The New Politics of Population. The Population
    Alison McIntosh (ed)   Concile, New York, 1994.
2. Hatcher Robert et al.   : The Essentials of Contraceptive Technology Baltimore
                                 Johnltophins Schools of Puple.
3. Bose, Ashish   : Demography Diversity in India, B. R. Publishing
                                 Corporation, Delhi, 1991.
4. Premi, M. K. et. al   : An Introduction to Social Demography, Vikas Publishing
                                 House, Delhi; 1983.
5. Rajendra Sharma   : Demography and Population Problems, Atlantic
                                 Publishers, New Delhi, 1997.
6. Srivastava, O. S.   : Demography and Population Studies, Vikas Publishing
                                 House, New Delhi, 1997.
7. Chandrasekhar S. (Ed.)   : Infant Mortality, Population Growth and Family Planning
                                 in India, George Allen and Unwin Ltd., London, 1974.
8. Hans Raj   : India's Population, Asia Publishing House, Bombay,
                                 1969.
9. Banarjee, D.   : Family Planning in India, A critique Perspectives peoples
                                 Publishing house, New Delhi.
10. Davidas, Heer   : Society population, Prentice-Hall of India Pvt. Ltd., New
                                 Delhi, 1979.
11. Agarwal, S.N.   : Population Studies with Special Reference to India,
                                 Surjeet publications, New Delhi, 1989.

12. PUBLIC ADMINISTRATION

Option-II : Local Government and Administration in India

Max. Marks : ~~90~~ 80
Int. Evaluation : ~~10~~ 20
Time : 3 Hours

Note :   The candidate will be required to attempt five questions, at least one question
         from each unit.

Syllabus and Courses of Reading

Unit 1:   One compulsory question of 18 marks with 9 objective type questions.

18
Sahib Singh & Swinder Singh.
Local Govt in India
New Acady Publishing Co.

There will be no change in the existing Units-I to IV except one now to be renumbered as Units II to V due to addition of Unit I as above.

Unit-2 : *Local Government* : meaning and significance, evolution of Local Governance in India since 1882.

Municipalities : composition, functions, finances, personnel, general working of municipal bodies with special reference to Haryana and Punjab. State Government's control over municipal bodies.

Unit-3 : State Department and Directorate of Municipal bodies, its organisation and functions.

Role of the Ministry of Urban Development as well as the Central Council of local Self-Government in regard to municipalities.

Municipal Corporation : Composition, functions and finances. Town and Metropolitian Planning in India. 74th Constitutional Amendment Act, 1992.

Unit-4 : *District Administration* : its features, purpose, problem, Deputy Commissioner, his role and position, administrative change in the context of planning and Development at district level, Divisional Comissioner, his role and position, state Headquarter's control over District Administration.

Unit-5 : *Rural Local Government* : Zila Parishad, Panchayat Samiititi, Panchayat. Their composition, functions finances, personnel, State Government's control over their working, role of political parties in panchayati Raj. 73rd Constitutional Amendment Act, 1992.

Role of State and Union Government in regard to Panchayati Raj institutions in Policy assistance, training and general control. Problems of rural-urban relationship.

Books Recommended :

1. Maheshwari, S. R. : Local government in India.
2. Maheshwari, S. R. : Bharat Mein Sthaniya Shasan.
3. Puri, K.K. and Barara, G.S. : Local Government in India (Hindi).
4. Sharma, Harish Chander : Bharat Mein Sthaniya Prashasan.
5. Khanna, R.L. : Municipal Government and Administration in India.
6. Avasthi, R. L. : Municipal Administration in India.
7. Khera S. S. : District Administration in India.
8. Bhattacharya Mohit : Essays in Urban Government
9. Khanna, R. L. : Panchayati Raj in India
10. Jain, S.C. : Community Development and Panchayati Raj in India
11. Hoshiar Singh and Khan Ziaduin : Leadership in Municipal Government.
12. Pardeep Sachdeva : Public Administration, Jyoti Book Depot, Karnal

13. MATHEMATICS

OUTLINES OF TEST

			Max. Marks	Time
Paper-I BM-301	:	Analysis	30+3	3 Hours
Paper-II BM-302	:	Abstract Algebra	30+4	3 Hours
Paper-III BM-303	:	Programming Analysis & Numerical Analysis	21+2	3 Hours
		Computer Practical in C based on Numerical Analysis.	10	

Paper-I ; BM-301 : Analysis   Max. Marks : 30
                                                      Time : 3 Hours

Section-I (3 Questions)

Riemann integral, Integrability of continuous and monotonic functions. The fundamentals theorem of integral calculus. Mean value theorems of integral calculus.

Improper integrals and their convergence., Comparison tests. Abels's and Dirichlet's tests. Frullani's integral. Integral as a function of a parameter. Continuity, derivability and integrability of an integral of a function of a parameter.

Section-II (2 Questions)

Series of arbitrary terms. Convergence, divergence and Oscillation. Abel's Dirichlet's tests. Multiplication of series. Doble series.

Fourier series, Fourier expansion of piece-wise monotonic functions.

Partial derivation and differentiability of real-valued functions of two variables. Schwarz and Young's theorem. Implicit function theorem.

Section-III (2 Questions)

Stereographic projection of complex numbers.

Continuity and differentiability of Complex functions Analytic functions.

Cauchy-riemann equations. Harmonic functions. Elementary functions. mapping by elementary functions.

Mobius transformations. Fixed points Cross ratio. Inverse Points and critical mappings.

Section-IV (3 Questions)

Definition and examples of metric spaces. Neighbourhoods. Limit points. Interior points. Open and closed sets. Closure and interior. Boundary points Subspace of a metric space. Cauchy sequences. Completeness. Cantor's intersection theroem. Contraction principle. Construction of a real numbers as the completion of the incomplete metric space of rationals. Real numbers as a complete ordered field. Dense subsets, baire category theorem. Separable, second countable and first countable spaces. Continuous functions. Extension theorem. Uniform continuity. Isometry and homeomorphism. Equivalent metrics. Compactness. Sequential compatness. Totally bounded spaces. Finite intersection property. Continuous functions and compact sets. Connectedness components. Continuous functions and connected sets.

Note : The examiner is requested to set ten question in all, selecting questions section-wise as indicated in the syllabus. The candidate is required to attempt five questions, selecting at least one question from each section.

Books Recommended :

1. T.M. Apostol : Mathematical Analysis, Narosa Publishing House, New Delhi, 1985.
2. R. R. Goldberg, Real Analysis, Oxford & IBH Publishing Co., New Delhi, 1970.
3. S. Lang : Undergraduate Analysis, Springer-Verlag, New York, 1983.
4. D. Somasundaram and B. Choudhary : A First Course in Mathematical Analysis, Narosa Publishing House, New Delhi, 1997.
5. Shanti Narayan : A Course of Mathematical Analysis, S. Chand & Co., New Delhi.
6. R.V. Churchill & J. W. Brown : Complex variables and Applications, 8th Edition, McGraw-Hill, New York, 1990.
7. Shanti Narayan : Theory of Functions of a Complex Variable, S. Chand & Co., New Delhi.
8. E. T. Copson, Metric Spaces, Cambridge University Press, 1968.
9. G. F. Simmons : Introduction to topology and Modern Analysis, McGraw-Hill 1963.

Paper-II BM-302 : Abstract Algebra

Max. Marks : 30 27+6
Time : 3 Hours

Section-I (3 Questions)

Group-Automorphisms, inner-automorphism. Automorphism groups and their compuations. Conjugacy relation Normaliser. Counting principle and the class equation of

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a finite group. Center for Group Prime order. Abelianizing of a group and its universal property. Sylow's theorems. p-Sylow subgroup. Structure theorem for finite Abelian groups.

Section-II (2 Questions)

Ring theory. Ring homeomorphism. Ideals and Quotient Rings. Field of Quotients of an Integral Domain. Euclidean Rings. Polynomial Rings. Polynomials over the Rational Field. The Eienstein Criterion. Polynomial Rings over Commutative Rings. Unique factorization domain R unique factorisation domain implies so is R $[X_1, X_2 ....X_n]$

Section-III (3 Questions)

Definition and examples of vector spaces. Subspaces. Sum and direct sum of subspaces. Linear span. Linear dependence, independence and their basic properties Basis. Finite dimensional vector spaces. Existence theorem for bases. Invariance of the number of elements of a basis set. Dimension. Existence of complementary Subspace of a subspace of a finite dimension. Existence of complementary Subspace of a subspace of a finite dimensional vector space. Dimensional of sums of subspaces. Quotient space and its dimension. Linear transformations and their representation as matrices. The Algebra of linear transformations. The rank nullity theorem. Change of basis. Dual space, Bidual space and natural isomorphism. Adjoint of a linear transformation. Eigenvalues and eigenvectors of a linear transformation. Diagonalisation. Annihilator or a Subspace Bilinear, Quadratic and Hermitian forms.

Section-IV (2 Questions)

Inner prodcut space-Cauchy-Schwarz inequality. Orthogonal vectors. Orthogonal Complements. Orthonormal sets and bases. Bessel's inequaliy for finite dimensional spaces. Gram-Schmidt Othogonalization process.

Modules, Submodules, quotient modules. Homeomorphism and Isomorphism theorems.

Note : The examiner is requested to set ten questions in all, selecting questions section-wise as indicated in the syllabus. The candidate is required to attempt five questions selecting at least one question from each section.

Books Recommended :

1. I. N. Hersten : Topics in Algebra, Wiley Eastern Ltd., New Delhi, 1975.
2. N. Jacobsen : Basic Algebra, Vols. I & II, W.H. Freeman, 1980 (also published by Hindustan Publishing Company).
3. P. B. Bhattacharya., S. K. Jain and S. R. Nagpal : Basic Abstract Algebra (2nd edition).
4. K. Hoffiman and R. Kunze, Linear Algebra, 2nd edition.

S. K. Jain, A. gunawardena. & P.B. Bhattacharya : Basic Linear Algebra with MATLAB

6. Vivek Sahai and Vikas Bist : Algebra, Narosa Publishing House.
7. I. S. Luther and I. B. S. Passi : Algebra, Vol. i, Groups Vol. II Rings, Narosa Publishing House.

Paper-III : BM-303 : Programming in C and Numerical Analysis
(Theory & Practical)
(Non Programmable Scientific Calculator is allowed in this Paper)

Max. Marks : 30
Time : 3 Hours

Section-I (3 Questions)

Programmer's model of a computer. Alogorithms. Flow Charts. Data Types Arithmtic and Input/Output instructions. Decisions control structures. Decision statements Logical and conditional operators. Loop Case control structures. Functions Recursions Preprocessors. Arrays Puppeting of strings. Structures. Pointers. File formatting.

Section-II (2 Questions)

Solution of Equations : Bisection, Secant, Regular Falsi, Newton's Method. Roots of Polymonilas.

Interpolation : Language and Hermite Interpolation, Divided Differences. Difference Schemes, Interpolation Formulas using Differences.

Numerical Differentiation.

Numerical Quadrature : Newton-Cote's Formulas, Gauss Quadrature formulas, Chebychev's Formulas.

Linear Equations : Direct Methods for Solving Systems of Linear Equations Gauss Elimination, LU Decomposition, Cholesky Decomposition), iterative methods. Jacobi Guass-Seidel, Reizxation Methods).

Algebraic Eigenvalue problem : Jacobi's Method, Givens; method. Heuseholder's Method, Power Method, QR Method Lanczo's Method.

Section-III (2 Questions)

Ordinary Differential Equations : Euler Method, Single-step Methods, Runge-Kutta's Method, Multi-step Method, Milne-Simpson method, Methods based on Numerical

Integration, Methods based on Numerical Differentiation, Boundary value Problems, Eigenvalue problems.

Approximation : Different types of Approximation, Least Square Polynomial Approximations, Polynomial Approximation using Orthogonal Polynomials, Approximation with Trigonometric Functions, Exponential Functions, Chebychev polynomials, Rational Functions.

Section-IV (2 Questions)

Random number generation, congruential generators, statistical tests of pseudorandom numbers.

Random variate generation, inverse transform method, Composition method, acceptance-rejection method, generation of exponential, normal variates, binomial and poisson variates.

Monte Carlo integration, hit or miss Monte Carol intergraion, Monte Carlo integration for improper integrals, error analysis for Monte carlo integration.

Note :   The examiner is requested to set ten questions in all, selecting questions section-wise as indicated in the syllabus. The candidate is required to attempt five questions selecting at least one question from each session.

Practicals

Practicals in C is based on Numerical Analysis as in Section-II and III above.

Books Recommended :

1. B. W. Kernighan and D. M. Rithcie, The C programming Languages, 2nd Edition.
2. V. Rajaraman, Programming in C, prentice Hall of India, 1994.
3. Byron S. Gottfried, Theory and problems of Programming with C, Tata McGraw-Hill Publishing Co. Ltd., 1998.
4. C. E. Froberg, Introduction to Numerical Analysis (2nd Edition).
5. Melvin J. Maron, Numerical Analysis : A Practical Approach, Macmillan Publishing Co, Inc, New York.
6. M. K. Jain, S.R.K. Iyengar, R. K. Jain, Numerical Methods-Problems and Solutions, New Age International (P) Ltd., 1996.
7. M. K. Jain, S.R.K. Iyengar, R. K. Jain, Numerical Mtehods for Scientific and Engineering Computation, New Age International (P) Ltd., 1999.
8. R. Y. Rubistein : Simulation and the Monte Carol Methods, John Wiley, 1981.

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MEDIA WRITING

(BA.M.) GENERAL THIRD YEAR
MEDIA WRITING

Max. Marks: 80

Pass Marks: 28
Time: 3 hours

Reporting and Editing for Newspaper, Creative Writing,

News Writing, Definition, Types of News, Inverted Pyramid, Feature writing, definitions

and Type of Features, article writing, Editorial writing, Writing for Radio and T.V.,

Radio News ,Script Writing, Radio Jingles, TV News Writing, TV announcements.

Writing for advertisements, Slogan Writing, Definition of News,

Principals of Reporting, Backgrounder follow up, deadline, dateline, Voice over Peace to

Camera, Principals of Editing, Caption Writing, DTP,

Editorial, Headlines and types of headlines, Need and Impact of Headlines

Free lancing, Review writing, News Analysis, Syndicate Journalism.

Suggested Readings :

1. Introduction to Mass Communication – Keval J. Kumar
2. संचार के सात सौपान – अनिल अंकित
3. Narula Uma Development Communication- Theory and Practice, Har Anand
4. Gupta V.S. Communication and Development Concept, New Delhi.
5. Tewari, I P Communication Technology and Development, Publication Division, Govt. of India
6. Handbook of New Media, Live Row.

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BA IIIrd Year

10. POLITICAL SCIENCE

Paper Opt. (I) · Comparative Government and Politics

(Government and Politics of U.K, U.S.A, China, Switzerland)

Max. Marks : 80

Internal Assessment : 20

Time : 3 Hours

Note : Total 10 questions will be set : four each from Part A and B and two from Part C. Candidates will have to attempt five questions in all, selecting at least one question from each Part.

Part-A

Approaches to the Study of Comparative Politics

Constitutions and Constitutionalism

Historical Legacy and Political Traditions

Constitutional Structure : Executive, Legislature and Judiciary Political Culture.

Part-B

Political Parties and Party Systems

Interest Groups and pressure Groups

State and Local Governments

Socio-economic bases of the Constitution

Women and the Political Process

Part-C

Short answer questions, at least four, spread over the entire syllabus. Objective Type (multiple choice) questions spread over the whole syllabus.

Readings

1. G. Almond et al., Comparative Politics Today : A World View, 7th ed, NewYork, London, Harper/Collins, 2000.

2. W. Bagehot, The English Constitution, London, Fontana, 1963.

3. A. H. Birch, British System of Government, 4th ed, London, George Allen and Unwin, 1980.

4. J. Blondel, An Introduction to Comparative Government, London, Weidenfeld and Nicolson, 1969.

5. J. Blondel, Comparative Legislatures, Englewood Cliffs. NJ, prentice Hall, 1973.

6. J. Bryce, Modern Democracies. Vol. 2, New York, Macmillan, 1921.

7. I. Derbyshire, Politics in China, London, Chambers, 1991.

8. H. Finer, Theory and Practice of Modern Government. London, Methuen, 1969.

9. S.E. Finer, Comparative Government, Harmondsworth, Penguin, 1974.

10. J. Gittings, China Changes Face. : The Road from Revolution 1949-89 London, Oxford University Press. 1989.

11. E.S. Griffith, The American System of Government, 6th ed, London. Methuen, 1983

12. H. Harding, China's Second Rvolution : Reform after Mao, Washington DC, Brookings Institution, 1987.

13. Inter-Parliamentary Union, Women in National Parliaments, 2000.

14. D. Kavangh, British Politics : Continuity and Change, oxford, Oxford University Press. 1985.

15. H.J. Laski, American Democracy : A Commentary and an Interpretation, London, Unwin, 1948.

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6. A. Lijphart. Electroal Systems and party System, New haven CT, Yale University Press, 1994.

7. A. Lijphart, (ed.), Parliamentary versus Presidential government, Oxford and New York. Oxford University Press, 1992.

18. A. Lijphart. Democracies : Patterns of Majoritarian and Consensual Government in Twenty-one Countries, New Haven CT, and London, Yale University Press, 1992.

19. KC. Macridis and R.E. Ward. Modern Political Systems . Europe, and Asia, 2nd ed. Englwood Cliffs, NJ, Prentice Hall, 1968.

20. P. Maddex, Constitutions of the World, 2nd edn., Washington DC and London, CQ Press, 2000.

21. P. Mair, The West European Party System, Oxford, Oxford University Press, 1990.

22. T. Munro, The Governments of Europe, New York, Macmillan, 1963.

23. B. Nelson and N. Chowdhary (ed.), Women and Politics Worldwide, Delhi, Oxford University Press, 1997.

24. D. Olson, Legislative Institutions : A Comparative View, Armonk NY, M.E.Sharpe, 1994

25. V. Randali, Women and Politics : An International Perspective, 2nd ed, Chicago, University of Chicago Press, 1987.

26. M. Rhodes, P. Heywood and V. Wright, Development in West European Politics. Basingstoke, Macmillan, 1997.

27. KC. Wheare, Federal Government, 4th ed, Oxford and New York, Oxford University Press. 1963.

28. J Wilson, American Government, 4th ed, Boston Massachusetts, Houghton Miffin. 1987.

B.A III_rd - History

Option - (ii) Modern World

Note :

1.   The question paper will consist of nine questions. The candidate shall attempt five questions in all. The Question No. I will be compulsory. The Candidate shall attempt four more questions selecting at least one from each Unit. Each question will carry 16 marks.

2.   The Question No. 1 will be short answer type containing four questions of equal marks (i.e., 4 marks each) spread over the whole syllabus.

3.   The Map Question will be carrying 16 marks. (10 for map work and 6 for explanatory note) For visually handicapped candidates, the part relating to the explanatory note will carry full marks.

Unit - I

Transition from Feudalism to Capitalism in Europe

Renaissance: Origins, Emergence and Impact

Reformation: Origins, Emergence and impact

Age of Enlightenment

Economic Development during 16th Century: Shift of Economic Balance from the Mediterranean to Atlantic Region .

Old Colonial System: Motives and Consequences of Colonization in Americas

Recommended subject to approval of the Der BOS.

Rajkumar

Unit - II

Mercantile Revolution: Origins, Progress and Impact

Scientific Revolutions: Agricultural Revolution and Industrial Revolution

Glorious Revolution: Nature and Impact

American Revolution: Nature and Impact

French Revolution: Nature and Impact

Unit - III

Rise of Imperialism: Causes and Consequences

World War - I : Causes and Consequences

Paris Peace Settlement: Important Treaties - Provisions and Consequences

Rise of Socialism and Bolshevik Revolution in Russia

Rise of Dictatorship: Nazism and Fascism

World War - II: Causes and Consequences

Unit - IV

Maps (Europe/World):

Important Centers of Renaissance in Europe

Important Centers of Reformation in Europe

Major Places Connected with Industrial Revolution in World

Polarization of Countries before World War-I

Polarization of Countries before World War-II

Suggested Reading :

Barrachough, G.	An Introduction to Contemporary History (Pengu in, 1968)
Bronowski, J., and Bruce Mazlish	The Western Intellectual Tradition (Ayer Co., 1960)
Carr, E.H.	The Bolshevik Revolution, 1917-23, 3 Vols. (Macmillan, 1950, 1951 and 1953)
Chauhan, D. S.	Europe Ka Itihas (Hindi)
Chauhan, D. S.	Samkalin Europe (Hindi)
Cipolla, Carlo M.	Forntana Economic History of Europe, Vols II and III.
Coleman, D. C. (ed.)	Revisions in Mercantilism
Davis, H. A. (ed.)	Outline History of the World
Davis, Ralph	The Rise of the Atlantic Economics
Dobb, Maurice	Studies in the Developments of Capitalism
Fisher, H.A.L.	A History of Europe
Gupta, Parthasarthi (ed.)	Adhunik Paschim Ka Uday (Hindi)
Gupta, Parthasarthi (ed.)	Europe Ka Itihas (Hindi)
Hall, J.R.	From Galileo to Newton
Henderson, O. P.	The Industrial Revolution on the Continent
Hill. Christopher	F rom Reformation to Industrial Revolution (Penguin, 1970)
Hill, Christopher	Lenin and the Russian Revolution, (Penguin, 1978)
Hilton, Rodney	Transition From Feudalism to Cap italism

Hobsbawm, EJ.	The Age of Revolution
Joll, James	Europe Since 1870: An International History (Harper Row, 1973)
Joll, James	1870 Se Europe (Hindi)
Langer, W.L.,	Diplomacy of Imperialism
Lefebvre, Georges	Coming of the French Revolution (Princeton, 1989)
Morgan, 'K.O.	Oxford Illustrated Hist01Y of Britain 1789-1983
Palmer, R.A. and Cotton Joel	A HistOJY of Modern World (McGraw, 1982)
Parker, G.	Europe in Crisis 1598~1648
Parks, H.B.	The United States of America
Parry, J.P.	The Age of Renaissance
Porter, Andrew	European Imperialism, 1860-1914
Roberts, J.M.	Europe 1880-1945
Rude, George	Revolutionary Europe (1984)
Saboul, A.	The French Revolution
Stavrianes, L.S.	The World Since 1500 (1928)
Stephen, 1. Lee	Aspects of European History 1494-1789
Taylor AJ.P.	The Struggle for Mastery in Europe (OUP,1954)
Taylor, AJ.P.	The Origins of the Second World War
Thompson, David	Europe Since Napoleon (penguin, 1966)
WuuJ, Anthony	History of Europe 1915-1960

B.A Part-III
ਬੀ. ਏ. ਭਾਗ ਤੀਸਰਾ

ਵਿਸ਼ਾ : ਪੰਜਾਬੀ (ਇਲੈਕਟਿਵ)

ਕੁਲ ਨੰਬਰ :100
(ਪੇਪਰ : 80 ਅਤੇ ਇੰਟਰਨਲ ਅਸੈਸਮੈਂਟ : 20)
ਸਮਾਂ: 3ਘੰਟੇ

ਸਲੇਬਸ ਦੀ ਰੂਪ ਰੇਖਾ

1. ਚੋਣਵਾਂ ਪੰਜਾਬੀ ਕਾਵਿ ਸੰਗ੍ਰਹਿ	15 ਨੰਬਰ
2. ਚੋਣਵਾਂ ਪੰਜਾਬੀ ਗੱਦ ਸੰਗ੍ਰਹਿ	15 ਨੰਬਰ
3. ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ (ਆਰੰਭ ਤੋਂ 1700 ਤੱਕ)	10 ਨੰਬਰ
4. ਕਾਵਿ ਰੂਪ (ਕਿੱਸਾ, ਵਾਰ, ਜੰਗਨਗਮਾ, ਕਾਫੀ, ਬਾਰਾ ਮਾਹ, ਮਹਾ ਕਾਵਿ, ਰੁਬਾਈ ਅਤੇ ਗ਼ਜ਼ਲ) ਅਤੇ ਵਾਰਤਕ ਰੂਪ (ਨਾਵਲ, ਨਿੱਕੀ ਕਹਾਣੀ, ਨਾਟਕ, ਇਕਾਂਗੀ, ਰੇਖਾ-ਚਿੱਤਰ, ਸਫ਼ਰਨਾਮਾ, ਨਿਬੰਧ, ਜੀਵਨੀ ਅਤੇ ਸਵੈ-ਜੀਵਨੀ)	20 ਨੰਬਰ
5. ਅਨੁਵਾਦ (ਹਿੰਦੀ ਤੋਂ ਪੰਜਾਬੀ ਅਤੇ ਪੰਜਾਬੀ ਤੋਂ ਹਿੰਦੀ)	20 ਨੰਬਰ

ਸਲੇਬਸ ਵਿਚ ਲੱਗੀਆਂ ਪੁਸਤਕਾਂ

1. ਕਾਵਿ ਜੋਤਾਂ, ਅਮਰਜੀਤ ਸਿੰਘ ਉਬਰਾਇ ਅਤੇ ਗੁਰਦਿਆਲ ਸਿੰਘ (ਸੰਪਾ.), ਕੁਰੂਕਸ਼ੇਤਰ ਯੂਨੀਵਰਸਿਟੀ, ਕੁਰੂਕਸ਼ੇਤਰ।

(ਕੇਵਲ ਇਹ ਕਵੀ ਜੀ ਪੜ੍ਹੇ ਜਾਣਗੇ : ਗੁਰੂ ਨਾਨਕ ਦੇਵ, ਗੁਰੂ ਅੰਗਦ ਦੇਵ, ਗੁਰੂ ਤੇਗ ਬਹਾਦੁਰ, ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ, ਭਾਈ ਗੁਰਦਾਸ, ਬਾਬਾ ਫ਼ਰੀਦ, ਦਮੋਦਰ, ਸ਼ਾਹ ਹੁਸੈਨ ਅਤੇ ਪੀਲੂ)

2. ਗੱਦ ਦਰਪਣ, ਦਰਸ਼ਨ ਸਿੰਘ ਅਤੇ ਲਲਿਤ ਕੁਮਾਰ ਜੈਨ (ਸੰਪਾ.), ਕੁਰੂਕਸ਼ੇਤਰ ਯੂਨੀਵਰਸਿਟੀ, ਕੁਰੂਕਸ਼ੇਤਰ।

3. ਪੰਜਾਬੀ ਸਾਹਿਤ ਦਾ ਇਤਿਹਾਸ, ਡਾ. ਪਰਮਿੰਦਰ ਸਿੰਘ (ਸੰਪਾ.), ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ।

ਜ਼ਰੂਰੀ ਨਿਰਦੇਸ਼ :

1. ਕਾਵਿ ਜੋਤਾਂ ਵਿਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਪਹਿਲਾ ਸਲੇਬਸ ਵਿਚ ਲੱਗੇ ਕਵੀਆਂ ਦੇ ਜੀਵਨ, ਰਚਨਾ, ਰਚਨਾ ਦ੍ਰਿਸ਼ਟੀ ਅਤੇ ਪੰਜਾਬੀ ਕਵਿਤਾ ਵਿਚ ਬਣਦੇ ਸਥਾਨ ਨਾਲ ਸਬੰਧਤ ਪੁੱਛਿਆ ਜਾਵੇਗਾ। ਇਹ ਸਵਾਲ ਇਸ ਤਰ੍ਹਾਂ ਪੁੱਛਿਆ ਜਾਵੇ ਕਿ ਵਿਦਿਆਰਥੀ ਇਸ ਦਾ ਜਵਾਬ ਸੰਖੇਪ ਰੂਪ ਵਿਚ ਲਗਭਗ 250-300 ਵਿਚ ਸ਼ਬਦਾਂ ਵਿਚ ਦੇ ਸਕੇ। ਇਹ ਸਵਾਲ 5 ਨੰਬਰ ਦਾ ਹੋਵੇਗਾ। ਦੂਜਾ ਸਵਾਲ ਪ੍ਰਸੰਗ ਸਹਿਤ ਵਿਆਖਿਆ ਦਾ ਹੋਵੇਗਾ। ਚਾਰ ਪੈਰ੍ਹੇ ਪ੍ਰਸੰਗ ਸਹਿਤ ਵਿਆਖਿਆ ਲਈ ਦਿੱਤੇ ਜਾਣਗੇ ਅਤੇ ਵਿਦਿਆਰਥੀ ਨੇ ਇਨ੍ਹਾਂ ਵਿਚੋਂ ਕੋਈ ਦੋ ਕਰਨੇ ਹੋਣਗੇ। ਇਹ ਸਵਾਲ 10 (5+5) ਨੰਬਰ ਦਾ ਹੋਵੇਗਾ।

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2. ਗੱਦ ਰਚਨਾ ਵਿੱਚੋਂ ਦੋ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਪਹਿਲਾ ਪ੍ਰਸ਼ਨ ਸਲੇਬਸ ਵਿਚ ਲੱਗੀ ਗੱਦਕਾਰਾ ਦੇ ਜੀਵਨ, ਰਚਨਾ, ਰਚਨਾ ਦ੍ਰਿਸ਼ਟੀ ਅਤੇ ਪੰਜਾਬੀ ਗੱਦ ਪਰੰਪਰਾ ਵਿਚ ਬਣਦੇ ਸਥਾਨ ਨਾਲ ਸਬੰਧਤ ਪੁੱਛਿਆ ਜਾਵੇਗਾ। ਇਹ ਸਵਾਲ ਇਸ ਤਰ੍ਹਾਂ ਪੁੱਛਿਆ ਜਾਵੇ ਕਿ ਵਿਦਿਆਰਥੀ ਇਸ ਦਾ ਜਵਾਬ ਸੰਖੇਪ ਰੂਪ ਵਿਚ ਲਗਭਗ 250-300 ਵਿਚ ਸ਼ਬਦਾਂ ਦੇ ਕਰੇ। ਇਹ ਸਵਾਲ 5 ਨੰਬਰ ਦਾ ਹੋਵੇਗਾ। ਦੂਸਰਾ ਸਵਾਲ ਸਲੇਬਸ ਵਿਚ ਲੱਗੀਆਂ ਗੱਦ ਰਚਨਾ ਵਿਚੋ- ਵਸਤੂ, ਸਾਰ, ਸਾਹਿਤਕ ਮੁੱਲਾਂਕਣ ਜਾਂ ਅਜਿਹਾ ਸਵਾਲ ਪੁੱਛਿਆ ਜਾ ਸਕਦਾ ਹੈ ਜੋ ਸਲੇਬਸ ਵਿਚ ਲੱਗੀ ਗੱਦ ਰਚਨਾ ਦੇ ਮੂਲ ਨੂੰ ਪ੍ਰਗਟ ਕਰਨਾ ਹੋਵੇ। ਅੰਦਰੂਨੀ ਛੂਟ ਨਾਲ ਸਵਾਲ ਪੁੱਛਿਆ ਜਾਵੇਗਾ। ਇਹ ਸਵਾਲ 10 ਨੰਬਰ ਦਾ ਹੋਵੇਗਾ।

3. 1700 ਈ. ਤੱਕ ਦੇ ਪੰਜਾਬੀ ਸਾਹਿਤ ਦੇ ਇਤਿਹਾਸ ਵਿੱਚੋਂ ਕੋਈ ਦੋ ਨਿਬੰਧਮੂਲਕ ਪ੍ਰਸ਼ਨ ਪੁੱਛੇ ਜਾਣਗੇ। ਜਿਨ੍ਹਾਂ ਵਿੱਚੋਂ ਵਿਦਿਆਰਥੀ ਨੇ ਕੋਈ ਇਕ ਪ੍ਰਸ਼ਨ ਕਰਨਾ ਹੋਵੇਗਾ। ਪ੍ਰਸ਼ਨ ਸਾਹਿਤਕ ਧਾਰਾਵਾਂ ਨਾਲ ਸਬੰਧਤ ਹੋਣਗੇ। ਇਹ ਪ੍ਰਸ਼ਨ 10 ਅੰਕ ਦਾ ਜੋਵੇਗਾ।

4. ਸਲੇਬਸ ਵਿਚ ਨਿਰਧਾਰਿਤ ਕਾਵਿ ਰੂਪਾਂ ਵਿੱਚੋਂ ਕਿਸੇ ਦੋ ਕਾਵਿ ਰੂਪਾਂ ਬਾਰੇ ਪੁੱਛਿਆ ਜਾਵੇਗਾ ਅਤੇ ਵਿਦਿਆਰਥੀ ਨੂੰ ਇਨ੍ਹਾਂ ਪੁੱਛੇ ਗਏ ਦੋ ਕਾਵਿ ਰੂਪਾਂ ਵਿੱਚੋਂ ਕੋਈ ਇਕ ਕਾਵਿ ਰੂਪ ਕਰਨਾ ਹੋਵੇਗਾ। ਇਹ ਪ੍ਰਸ਼ਨ 10 ਅੰਕ ਦਾ ਹੋਵੇਗਾ ਅਤੇ ਏਸੇ ਤਰ੍ਹਾਂ ਸਿਲੇਬਸ ਵਿਚ ਨਿਰਧਾਰਿਤ ਸਾਹਿਤ ਰੂਪਾਂ(ਵਾਰਤਕ) ਬਾਰੇ ਪੁੱਛਿਆ ਜਾਵੇਗਾ ਦੋ ਸਾਹਿਤ ਰੂਪ ਦਿੱਤੇ ਜਾਣਗੇ। ਵਿਦਿਆਰਥੀ ਨੂੰ ਸਾਹਿਤ ਦੇ ਕਿਸੇ ਇਕ ਰੂਪ ਬਾਰੇ ਲਿਖਣਾ ਹੋਵੇਗਾ। ਇਹ ਪ੍ਰਸ਼ਨ 10 ਨੰਬਰ ਦਾ ਹੋਵੇਗਾ। ਇਨ੍ਹਾਂ ਦੋਹਾਂ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਕੁਲ 20 ਨੰਬਰ ਹੋਣਗੇ।

5. ਇਕ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਵਿਚ ਪੈਰ੍ਹਾ ਦਿੱਤਾ ਜਾਵੇਗਾ ਜਿਸਨੂੰ ਵਿਦਿਆਰਥੀ ਨੇ ਹਿੰਦੀ ਭਾਸ਼ਾ ਵਿਚ ਅਨੁਵਾਦ ਕਰਨਾ ਹੋਵੇਗਾ। ਇਸ ਪ੍ਰਸ਼ਨ ਦੇ 10 ਨੰਬਰ ਹੋਣਗੇ ਅਤੇ ਇਕ ਪੈਰ੍ਹਾ ਹਿੰਦੀ ਭਾਸ਼ਾ ਵਿਚ ਦਿੱਤਾ ਜਾਵੇਗਾ। ਵਿਦਿਆਰਥੀ ਨੇ ਇਸਨੂੰ ਪੰਜਾਬੀ ਭਾਸ਼ਾ ਵਿਚ ਅਨੁਵਾਦ ਕਰਨਾ ਹੋਵੇਗਾ। ਇਸ ਪ੍ਰਸ਼ਨ ਦੇ ਵੀ 10 ਨੰਬਰ ਹੋਣਗੇ। ਇਨ੍ਹਾਂ ਦੋਂ ਪ੍ਰਸ਼ਨਾਂ ਦੇ ਕੁਲ 20 ਨੰਬਰ ਹੋਣਗੇ।

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7. संस्कृतम्

(ऐच्छिकम्)

एकक-1   संस्कृत-वाग्व्यवहार :

'संस्कृत-व्यवहार-साहस्त्री' (प्रकाशन-संस्कृतभारती, माता मन्दिर गली, झण्डेवालान, नई दिल्ली) पुस्तक से 17 से 26 विषयों तक संस्कृत प्रश्नोत्तररूप में लिखित परीक्षा (17. समय : 18. दूरभाषा, 19. वाणिज्यम्, 20. वातावरणम्, 21. गृहसम्भाषणम्, 22. पितर:पुत्रां: च, 23. मातापितरौ, 24. पुत्रा:, 25.अतिथि:, 26. संकीर्णवाक्यानि)

7 अंक

एकक-2   संस्कृत-ग्रन्थानुशीलनम्

21 अंक

अभिज्ञानशाकुन्तलम्

(श्लोकों व सूक्तियां की व्याख्या/आलोचनात्मक प्रश्न व सार आदि)

एकक-3   संस्कृत-साहित्येतिहास:

(क)   संहिता, ब्राह्मण, आरण्यक, उपनिषद् व वेदांग-साहित्य   8 अंक

(ख)   रामायण, महाभारत, अश्वघोष, भास, कालिदास, बाणभट्ट, सुबन्धु, दण्डी, भवभूति, भारवि, श्रीहर्ष, माघ, अम्बिका दत्त व्यास ।

(लेखकों व कृतियों का सामान्य परिचय)   9 अंक

एकक-4.   लघुसिद्धान्तकौमुदी

(क) कारक प्रकरणम्

10 अंक

(स) परिप्रत्यय प्रकरणम्　　　　　　　　　　　9 अंक

(आशीष शापन, वाक्य रचना व सूत्रों की व्याख्या)

एकक-5　　　अलंकार : निबन्धश्च

(क) अलंकार

अनुप्रास, श्लेष, यमक, उपमा, उत्प्रेक्षा, रूपक, अतिशयोक्ति, विभावना,
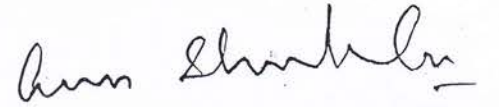विशेषोक्ति, अर्थान्तरन्यास　　　　　　　　　　8 अंक

(ख) सरल विषयों पर सरल संस्कृत में निबन्ध　　　·　8 अंक

सहायक पाठ्य-ग्रंथ :

1. संस्कृत साहित्य की रूपरेखा : पाण्डेय एवं व्यास

2. लघुसिद्धान्तकौमुदी : वरदराजाचार्य

3. काव्यप्रकाश: मम्मटाचार्य

4. संस्कृत निबन्ध शतकम् : डॉ. कपिलदेव द्विवेदी

5. वैदिकवाङ्मय का आलोचनात्मक इतिहास : पण्डित भगवत दत्त

6. अभिज्ञानशाकुन्तलम् : महाकवि कालिदास

B.A.-III
Population and Society
(Optional-III)

Maximum Marks – 100
Theory – 80
Internal Assessment – 20
Time – 3 hours

Note: - The Paper setter shall set 8 questions from all four units with internal choice. However, one compulsory question of short answer type would be set from the entire syllabus comprising four sub-questions of four marks each under 5th Unit. Such way, the examinees are required to attempt five questions in all, of 16 marks each.

UNIT – I

Population Studies: Meaning, Scope and Significance; Fertility, Mortality and their Determinants; Migration- Types and factors.

UNIT – II

Theoretical Issues: Biological, Malthusian and Neo-Malthusian Theory; Demographic Transition; Optimum Population.

UNIT – III

Composition of Population in India: Age and Sex Structure, Problem of Sex-Ratio Decline; Religious Composition, Rural and Urban Dimension, Occupational Structure; Literacy-illiteracy.

UNIT – IV

Population Planning and Control: Family Planning Programme, Population Policy of India, National Rural Health Mission, Menace of Female Foeticide; Female centered welfare measures in India and Haryana.

Readings:

Agarwal, S.N. (1989): **Population Studies with Special Reference to India,** New Delhi:
Lok Surjeet Publication.

Bose, Ashish (1991): **Demographic Diversity in India,** Delhi: B.R.Publishing Corporation.

Banarjee, D. (1985): **Health and Family Planning Services in India,** New Delhi: Lok Parkshan.

Chandrasekhar, S. (ed.) (1974): **Infant Mortality, Population Growth and Family Planning in India,** London: George Alen and Unwin Ltd.

Dubey, Surendra Nath (2001): **Population of India,** Delhi: Authors Press.

Kohli, S.(1977): **Family Planning in India,** New Delhi.

Malthus, T.R. (1986): **An Essay on the Principle of Population,** London: William Pickering.

Premi, M.K.(2004): **Social Demography,** Delhi: Jawahar Publishers and Distributiors.

Sharma, Rajendra(1997): **Demography and Population Problems,** New Delhi:Atlantic Publishers.

Srivastava, O.S.(1998): **Demography and Population Studies,** New Delhi: Vikas Publishing House.

National Rural Health Mission (2006), Govt. of India, New Delhi