



राज ऋषि भर्तृहरि मत्स्य विश्वविद्यालय, अलवर

Raj Rishi Bhartrihari Matsya University, Alwar

Scheme of Examination

B.A. /B.Sc. PART- II (Economics)

(Paper-I& II)

Note:- Each Paper has 03 Hours Duration, having Max. Marks 75/50 (Arts/Science). Each paper will consist of two parts. Part –I will comprise 12 short answer type questions covering each unit equally. Candidates are required to attempt any 10 questions of 3/2 marks each. Answer of each question should not exceed 75 words. Part-I will carry 30/20 marks.

Part- II will be divided into three sections having two essay type questions in each section. Candidates are required to attempt three questions in all selecting one question from each section. All questions carry equal marks. Part –II carry 45/30 marks.

Candidates shall have to pass theory and practical examinations separately.

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Paper I- Introductory Micro Economics Theory

Section – A

Economic Theory: Nature and Technique, Micro and Macro Economics. Static, Dynamic and Comparative Static Analysis. Positive and Normative Economics. Theory of Consumer's behavior: Utility Analysis. Indifference Curve Analysis, Consumer's Equilibrium, Price Substitution and Income Effects. Normal, Inferior and Giffen goods. Price Consumption Curve and law of demands and Demand Curve. Elasticity of Demand: Price, Income and Cross Elasticity and Demand. Arc and Point Elasticity. Relationship between Elasticity, AR, MR, TR. Factors Affecting Price Elasticity and Demand. Substitute and Complementary Goods, Consumer's Surplus.

Section – B

Production function: Law of Variable Proportions. Three Stages of Production Function. Iso-Quant and Iso-cost, Optimum Factor Combination. Law of Returns and Returns to Scale. Theory of Cost-Short run and long-run Cost Curves. Different Market Structures: Perfect Competition: Determination of Price and Output in the Short and long run Monopoly: Determination of Price and Output in the Short and long run. Discriminating Monopoly Monopolistic Competition-Short and long run Equilibrium of the Firm. Excess Capacity.

Section – C

Theory of distribution: Marginal Productivity Theory of distribution Factor Pricing under Perfect and Imperfect Competition in labour market. Ricardian Theory of Rent. Modern Theory of Rent and Quasi Rent. Classical Theory of Interest, Liquidity preference, Theory of Interest. Risk and Uncertainty, Theory of Profit.

Books Recommended:

1. Hal R. Varian: Intermediate Microeconomics W W Norton and Co. Fifth Edition.
2. D. Salvator: Micro Economics, Harper-Collins, 1991.
3. H.L. Ahuja: Advanced Economic Theory, S. chand and Company, New Delhi.
4. एच. एल. आहुजा: उच्चतरआर्थिक सिद्धान्त, एस. चांद एण्ड कम्पनी, नई दिल्ली।
5. लक्ष्मीनारायण नाथूरामका: व्यक्तिअर्थशास्त्र, रमेशबुकडिपो, जयपुर।


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उत्तराखण्ड

Reference Books:

1. Samuelson and Nordhaus: Economics, McGraw-Hill/Lrwin: 19th edition.
2. J.P. Gould And C.E. Ferguson: Micro Economic Theory Revised by J.P. Could and E.P. Lazer, All India Traveler Book Seller, Delhi.
3. Lipsesy and Crystal;

Paper – II (a) Elements of Statistics and Mathematics

Section – A

Surds, Indices, Quadratic equation, Logarithms, Permutation and Combination, Binomial Theorem, Arithmetic Progression, Geometric Progression and Harmonic Progression, Analytical Geometry: Straight Line, Parabola and Hyperbola, Matrices and Determinants, Solution of simultaneous equations by Cramer's rule and Matrix Inverse Method; simple differentiation and Integration.

Section – B

Statistics- definition, nature and importance, Use and relevance of statistical methods, Census and Sample survey, Methods of data collection and tabulation, Diagrammatic and Graphical representation of data; Measures of Central Tendency: Arithmetic Mean, Mode Median Geometric Mean Harmonic Mean. Concept and Measure of Dispersion and Skewness.

Section – C

Simple Correlation; Karl Pearson and Rank Correlation, Regression analysis, Fitting of linear regression lines using Least Square method, Analysis of Time Series, Determination of trend by straight line trend equation, Index numbers, Interpolation (Binominal Expansion and Newton's method), Association of Attributes.

(Note: Use of non-programmable calculator is permitted)

Books Recommended:

1. B.C. Mehta and G.M.K. Madnani, Elementary Mathematics for use in Economics, Laxmi narain Agarwal, Agra.
2. S.P. Gupta, Statistical Methods, Sultan Chand and Sons, New Delhi.
3. M.R. Speigal, Theory and Problems of Statistics, McGraw Hill Book, London.
4. S.C. Gupta and V.K. Kapoor, Fundamentals of Applied Statistics, S Chand and sons. New Delhi.

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5. Salvatore, D. Mathematics and Statistics, Schaum's Series, Tata McGraw Hill.
6. G.S. Monga, Mathematics and Statistics for Economics, Vikas Publishing House, New Delhi.
7. वी. सी. मेहता एवं जी. एम. के. मदनानी, अर्थशास्त्र में प्रारम्भिक गणित – लक्ष्मीनाराण अग्रवाल, आगरा।
8. कैलाशनाथनागर : सांख्यिकी के मूलतत्त्व, मीनाक्षीप्रकाशन, मेरठ।

Paper – II (b): INDIAN ECONOMIC THOUGHT

Section – A

Economic Ideas of Ancient Indian Thinkers, the field of consumption Production, exchange distribution and public finance, prominent ancient Indian economic thinkers – Manu, Shukra and Kautilya.

Economic Ideas during the Medieval period – Land and Land revenue system, Taxes and trade, Impact of colonial rule on Indian economy.

Section – B

Economic thoughts of Swami Dayanand Saraswati, Dada Bhai Naroji, M.G. Ranade, G.K. Gokhle, R.C. Dutt, M.N. Roy, Mahatma Gandhi.

Section – C

Major Economic Ideas of Vinoba Bhave, B.R. Ambedkar, J.L. Nehru, Ram Manohar Lohia, Deen Dayal Upadhyay, J.K. Mehta and Charan Singh.


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B.A. /B.Sc. (PART- II) Examination
Economics
Practical Examination
Paper-III

Duration: 03 Hours

Max. Marks 50

- I – Firm Micro - a) Cost Table & Revenue Table
b) Consumer Surplus & Producer Surplus
c) Break even & Shutdown point
d) Production table
- II – Firm Statistics - a) Diagrammatic Representation (Two dimension)
b) Fisher Index
c) Rank correlation
- III – Report Writing
- IV– Viva Voce

Signature
B.K. Sharma
20/07/2018