

प्राज्ञप्रकाश

# SYLLABUS

SCHEME OF EXAMINATION AND COURSES OF STUDY

FACULTY OF ARTS & SOCIAL SCIENCE

B.A. (Hons) Part-I Examination

(10+2+3 Pattern)

2009-10 से प्रभावी(w.e.f.)

सत्र 2015 2016

महर्षि दयानन्द सरस्वती विश्वविद्यालय, अजमेर

Delegation, Coordination, Supervision  
 Administrative Leadership, Decision - Making and Communication.  
 Management of Public Enterprises with Special reference to the problem of  
 Public Corporation.

**UNIT III**

Control over Public Administration - Legislative, Judicial and Popular Nature,  
 Limits and role of these controls.

Personnel Administration - Recruitment, Training and Discipline.  
 Financial Administration: Budget Formulation and Execution, Parliamentary control.

**Selected Readings:**

1. Awasthi & Maheshwari - Public Administration (Also Hindi Edition)
2. Bhambhari, C.P. : Public Administration.
3. Fadia, B.L. : Lok Prashashan. (in Hindi)
4. Gladedin, E.N. : Elements of Public Administration.
5. Peffiner and Sherwood : Public Administration.
6. Sharma, M.P. : Theory and practice of Public Administration.
7. Sharma, P.D. : Lok Prashashan Ke Siddhant Avem Vyavhar (in Hindi)
8. Simon Smithburgh & Thompson : Public Administration.
9. Tyagi, A.R. : Public Administration.

**B.A. (Hons.) ECONOMICS**

*Scheme of Examination*

There shall be four papers and the maximum marks for each paper together with  
 minimum marks required for a pass are shown against each paper separately.

Four papers	Mln. Pass	Max
Paper I	3 hrs Duration	Marks 400
Paper II	3 hrs Duration	100 marks
Paper III	3 hrs Duration	100 marks
Paper IV	3 hrs Duration	100 marks

Note : In examination each paper will contain three parts A, B and C.

**Part A**

All questions are compulsory. The answer of each question should not exceed  
 20 words. All questions carry equal marks.

**Part B**

All questions are compulsory. The answer of each question should not exceed  
 50 words. All questions carry equal marks.

**Part C**

The candidate should attempt 3 questions selecting one question from each  
 unit. The answer should not exceed 400 words. All questions carry equal marks.

**Paper-I  
 MICRO ECONOMICS**

3 hrs. duration

Max. Marks 100

Note : In examination each paper will contain three parts A, B and C.

**Part A**

All questions are compulsory. The answer of each question should not exceed  
 20 words. All questions carry equal marks.

**Part B**

All questions are compulsory. The answer of each question should not exceed  
 50 words. All questions carry equal marks.

**Part C**

The candidate should attempt 3 questions selecting one question from each  
 unit. The answer should not exceed 400 words. All questions carry equal marks.

**Unit I**

**Introduction**

Nature and scope of economics; Methodology in economics; Choice as an  
 economic problem; basic postulates; Role of price mechanism; Demand and  
 supply; Basic framework-applications; Market equilibrium.

**Consumer's Behaviour**

Utility - Cardinal and ordinal approaches; Indifference curve; Consumer's  
 equilibrium (Hicks and Slutsky); Giffin goods; Elasticity of demand-Price, income  
 and cross; Consumer's surplus; Engle curve.

**Theory of Production and Costs**

Production decisions; Production function; Iso-quant, Factor substitution; law  
 of variable proportions; returns to scale; economies of scale; Different concepts  
 of cost and their interrelation; Equilibrium of the firm; Expansion path.

**Unit II**

**Market Structure**

Market forms - Perfect and imperfect markets; Price & Output determination in  
 Perfect competition, monopoly, Monopolistic Competition, Duopoly, Oligopoly  
 (Paul's M Sweezy Model). Price discrimination under monopoly, Measure of  
 monopoly power.

**Factor Pricing**

Marginal productivity theory of distribution; Modern Theory of Factor Price  
 Determination with the help of MPP, VMP and MRP (With the help of Tables).  
 Theories of wage determination; Wages and collective bargaining; Wage  
 differentials; Rent - Scarcity rent. Differential rent; Quasi rent; interest - Classical  
 and Keynesian theories. Profits - Innovation, risk and uncertainty theories.

**Unit III**

**Investment Analysis**

Payback period - average annual rate of return, Net present value, Internal rate  
 of return criteria, price changes, risk and uncertainty, elements of social cost-

benefit analysis.

### Welfare Economics

Problems in measuring welfare; Classical welfare economics; Pareto criteria (Production, Consumption and Distribution); Concept of a social welfare function; Compensation principle - Kaldor, Hicks.

### BASIC READING LIST

- Bach, G.L. (1977). Economics, Prentice Hall of India, New Delhi.
- Gauld, J.P. and Edward P.L. (1996). Microeconomic Theory, Richard Irwin, Homewood.
- Henderson J. and R.E. Quandt (1980). Microeconomic Theory. A mathematical Approach, McGraw Hill, New Delhi.
- Heathfield and Wibe (1987). An Introduction to Cost and Production Functions, Macmillan, London.
- Koutsoyannis, A. (1990). Modern Microeconomics, macmillan.
- Lipsey, R.G. and K. a. Chrystal (1999). Principles of Economics (9th Edition), Oxford University Press, Oxford.
- Mansfield, E. (1997). Microeconomics (9th Edition), W.W. Norton and Company, New York.
- Ray, N.C. (1975). An Introduction to Microeconomics, Macmillan Company of India Ltd., Delhi.
- Ryan, W.J.L. (1962). Price Theory, Macmillan and CO. Limited, London.
- Samuelson, P.A. and W.D. Nordhaus (1996). Economics, Tata McGraw Hill, New Delhi.
- Stonier, A. W. and D.C. Hague (1972). A Textbook of Economic Theory, ELBS & Longman Group, London.
- Varian, H.R. (2000). Intermediate Microeconomics: A Modern Approach (5th Edition), East-West Press, New Delhi.

### Paper-II - Indian Economic Thought

Duration : 3 Hours

Max. Marks : 100

Note : In examination each paper will contain three parts A, B and C.

#### Part A

Marks - 20

All questions are compulsory. The answer of each question should not exceed 20 words. All questions carry equal marks.

#### Part B

Marks - 20

All questions are compulsory. The answer of each question should not exceed 50 words. All questions carry equal marks.

#### Part C

Marks - 60

The candidate should attempt 3 questions selecting one question from each unit. The answer should not exceed 400 words. All questions carry equal marks.

#### Unit I

Prominent ancient Indian economic thinkers and major source books (Only names and brief knowledge). Definition & scope of economics accordingly to Kautilya and Shukra. Basic Assumptions - integral man, integrated rationality, dharma based economic structure and four purusarthas. Human wants - nature origin

and kinds. The concept of restrained consumption & co-consumption. Meaning and importance of wealth & code of conduct for earning and spending.

Economic ideas of Manu, Shukra and Kautilya in the field of consumption, production, exchange, distribution and public finance.

#### Unit II

Economic thoughts of Swami Dayanand Saraswati, Dada Bhai Narauji, Mahadev Govind Ranade, Gopal Krishna Gokhale, R.C. Dutta and M.N. Roy.

#### Unit III

Major Economic thoughts of M.K. Gandhi, Vinoba Bhave, Dr. B.R. Ambedkar, J.L. Nehru. Ram Manohar Lohiya, Deen Dayal Upadhyaya, J.K. Mehta and Amratya Sen.

### Book Recommended :

- Gupta, B.L. (1942) : Value and Distribution System in Ancient India, Gian Publishing House, New Delhi.
- Ganguli B.N. (1977) : Indian Economic Thought a 19th Century Perspective, Tata McGraw Hill New Delhi.
- Kautilya (1951) : Arthashastra translated by R. Sharma shastry.
- Kulkarni S.A. (1987) : Ekatma Arthuti Suruchi Prakashan, New Delhi.
- M.G. Bokare : Hindu Economics, Janaki Prakashan New Delhi.
- Ramesh Dutt : Economic History of India, Vol. I & II.
- D.R. Gadgil : The Industrial Evolution of India in Recent Times 1860-1030 (1971)
- M.C. Vaish : Aarbhuk Vicharo Ka itihās
- Gandhi M.K (1974) , India of my dreams, Navjivan Publishing House, Ahmedabad.
- Sen, A.K. (1987), On Ethics and Economics, Oxford, New York.
- Sen, A.K. (1981), Poverty and Famines: an essay on entitlement and deprivation, oxford university press.
- Sen A.K. (1971), Collective Choice and social welfare, North Holland, Amsterdam.

### Paper III - INDIAN ECONOMY

Duration : 3 Hours

Max. Marks : 100

Note : In examination each paper will contain three parts A, B and C.

#### Part A

Marks - 20

All questions are compulsory. The answer of each question should not exceed 20 words. All questions carry equal marks.

#### Part B

Marks - 20

All questions are compulsory. The answer of each question should not exceed 50 words. All questions carry equal marks.

#### Part C

Marks - 60

The candidate should attempt 3 questions selecting one question from each unit. The answer should not exceed 400 words. All questions carry equal marks.

## Unit I

**Pre-British Period**

Indian economy in the Pre-British Period - Structure and organization of villages, towns, industries and handicrafts.

**Economic Consequences of the British Rule**

General overall impact; Colonial exploitation - forms and consequences; Case for protection of Indian industries; The theory of drains - its pros and cons.

**Structure of the Indian Economy**

Basic features; Natural resources - Land, water and forest resources; Broad demographic features - Population size and growth rates, sex composition, rural-urban migration, occupational distribution; Problem of over-population; Population policy, Infrastructure development; national Income.

## Unit II

**Agriculture**

Nature and importance; Trends in agricultural production and productivity; Factors determining productivity; Land Reforms; New agricultural strategy and green revolution; Rural credit, Agricultural marketing Agriculture and WTO. India's Food Policy.

**Industry**

Industrial development during the planning period; Industrial policy of 1991; Industrial licensing policy - MRTP Act, FERA and FEMA; Growth and problems of small scale, industries; Role of public sector enterprises in India's industrialization- recent policy towards public sector. Labour Sector- Reforms.

**Planning in India**

Objectives; Strategy; Broad achievements and failures; Current Five Year Plan - Objectives, allocation and targets; New economic reforms - Liberalization, privatization and globalization; Rationale behind economic reforms; Progress of privatization and globalization. Problems of subsidy in India.

## Unit III

**External Sector**

Role of foreign trade; Trends in exports and imports; Composition and direction of India's foreign trade; Balance of payments crisis and the New economic reforms - Export promotion measures and the new trade policies. Foreign capital - FDI, aid; Multinational corporations (MNCs) and their impact on Indian Economy. The relevance of SWADESHI.

**Important Areas of Concern**

Poverty and inequality; Unemployment, Rising prices; Industrial relations.

**Economy of Rajasthan**

Position of Rajasthan in Indian Economy: Population, Area, Agriculture, Industry and Infrastructure. 2001 Census and its Features. Human Development Index. Problem of poverty and unemployment in Rajasthan. Poverty alleviation programmes of Govt. of Rajasthan.

Trends in Agriculture production and Agriculture productivity. Importance of

livestock and dairy development programme. Major irrigation and power projects. Industrial development during plans. Small scale and cottage industries. Tourism development in Rajasthan. Special area programmes of Govt. of Rajasthan. Constraints of economic development in Rajasthan

**BASIC READING LIST**

- Datt, R. and K.P.M. Sundharam (2001), Indian Economy. S. Chand & Company Ltd., New Delhi.
  - Kedia, Kusum & Sinha, Root of Under development - a peep into Indian Colonial Post. Tara Printing works, Varanasi.
  - Dhingra, I.C. (2001), The Indian Economy: Environment and Policy. Sultan Chand & Sons, New Delhi.
  - Dutt, R.C. (1950), The Economic History of India Under Early British Rule. Low Price Publications, Delhi.
  - Kumar, D. (Ed.) (1982), The Cambridge Economic History of India, Volume II, 1757-1970, Orient Longman Ltd, Hyderabad.
  - Misra, S.K. and V.K. Puri (2001), Indian Economy - Its Development Experiences, Himalaya Publishing House, Mumbai.
  - Directorate of Economics and Statistics, Government of Rajasthan, State Income of Rajasthan.
  - Government of Rajasthan : Five Year Plan Documents.
  - Government of Rajasthan : Budget Studies.
  - Government of Rajasthan : Statistical Abstract of Rajasthan.
  - Government of Rajasthan : Report of Desert development Commission.
- ADDITIONAL READING LIST**
- Gadgil, D.R. (1971), The Industrial Evolution in India in Recent Times, 1860-1939, Oxford University Press, Bombay.
  - Government of India, Economic Survey (Annual), Economic Division, Ministry of Finance, New Delhi.
  - Naoroji, D. (1962), Poverty and Un-British Rule in India, Low Price Publications, Delhi.
  - Planning Commission (1999), Ninth Five Year Plan, Government of India, New Delhi.
  - Singh, V.B. (Ed.) (1965), Economic History of India, 1857-1956, Allied Publishers Private Limited, Bombay.
  - Ahluwalia, I.J. and I.M.D. Little (Eds.) (1999), India's Economic Reforms and Development (Essays in honour of Manmohan Singh), Oxford University Press, New Delhi.
  - Jalan, B. (1992), The Indian Economy: Problems and Prospects, Viking, New Delhi.
  - Jalan, B. (1996), India's Economic Policy - Prospects for the Twenty-first Century, Viking, New Delhi.
  - Parikh, K.S. (1999), India's Development Report - 1999-2000, Oxford University Press, New Delhi.
  - Dutt, R. (Ed.) (2001), Second Generation Economic Reforms in India, Deep & Deep Publications, New Delhi.

## Paper-IV

## QUANTITATIVE TECHNIQUES

Duration : 3 Hours

Max. Marks : 100

Note : In examination each paper will contain three parts A, B and C.

**Part A**

All questions are compulsory. The answer of each question should not exceed 20 words. All questions carry equal marks.

**Part B**

All questions are compulsory. The answer of each question should not exceed 50 words. All questions carry equal marks.

**Part C**

The candidate should attempt 3 questions selecting one question from each unit. The answer should not exceed 400 words. All questions carry equal marks.

## Unit I

**Basic Concepts**

Variables, Sets, Functions, Equations, Identities, Systems of equations. Application of straight-line system, Slope of the line, Homogeneous function.

**Calculus**

Differentiation of a Function; Maxima and Minima, Elasticities; Equilibrium of a firm and consumer; Inter-relationships among total, marginal and average cost and revenues; Constrained optimisation problem; Integration of a function, consumer's and producer's surplus.

**Matrix and Determinants**

Various types of matrices, Determinants, Inverse of a matrix, Cramer's rule, Input-output analysis; Simple static model, Linkages, Concept of linear programming - Graphical Method.

**Introduction to Statistics**

Basic concepts; Population, Sample, Parameter, Frequency Distribution, Cumulative frequency; Graphic and diagrammatic representation of data, Techniques of data collection; Sampling vs. Population, primary and secondary data.

## Unit II

**Central Tendency and Dispersion**

Measures of central tendency; Mean, Median, Mode, Geometric mean and Harmonic mean. Measures of dispersion, Range, Mean Deviation, Standard deviation, Coefficient of variation, Quartile deviation, Skewness and Kurtosis. Concept of rate of growth.

**Correlation and Regression**

Correlation: Simple. Coefficient of Correlation - Karl Pearson and Rank Correlation. Partial and Multiple correlation Analysis; Regression analysis - Estimation of regression line in a bivariate distribution - Least squares method, interpretation of regression coefficients. Interpolation (Newton's and Binomial Method)

**Time Series and Index Numbers**

Time series analysis - Concept and components - Determination of regular, trend and seasonal indices; Index numbers - Concept, price relative, quantity relative, value relative; Laspeyres, Paasche's and Fisher, Family budget method; Problems in the construction and limitations of index numbers, Tests for ideal index number. Association of Attributes and chi-square test.

**Probability and Distribution**

Probability : Concept, Rules of Probability (Addition and Multiplication); Random variables, Mathematical expectations, Theoretical distribution - Binomial, Poisson and Normal : their properties and uses.

**Indian Statistics**

Current population census 2001, Statistical system in India. Agriculture, Industrial and Trade Statistics in India.

**BASIC READING LIST**

- Allen, R.G.C (1974). Mathematical Analysis for Economists, Macmillan Press, London.
- Black, J. and J.F. Bradley (1973), Essential Mathematics for Economists, John Wiley and Sons.
- Chiang, A. C. (1986). Fundamental Methods of Mathematical Economics (3rd Edition), McGraw Hill, New Delhi.
- Croxtton, F.E., D.J. Cowden and S. Klein (1973), Applied General Statistics, Prentice Hall, New Delhi.
- Gupta, S. C. and V.K. Kapoor (1993). Fundamentals of Applied Statistics, S. Chand and Sons, New Delhi.
- Speigel, M.R. (1992). Theory and Problems of Statistics, McGraw Hill Book, London.

**B.A.(Hons.) Geography Part I Examination**

Paper	Duration	Max. Marks	Mini. Marks
I	3 hrs.	80	128 (40%)
II	3 hrs.	80	
III	3 hrs.	80	
IV	3 hrs.	80	
Practical			32 (40%)

(For each batch of 20 students)

Total = 320+80 = 400. 128+32 = 160

Student will have to pass separately in theory and practical. A weekly seminar is to be arranged for all Hons. classes.

**PAPER - I: PHYSICAL BASIS OF GEOGRAPHY**

3 hrs. duration

Max. Marks : 80

Note:-

I. Each theory paper is divided into three independent units. The question

paper is divided into three parts, Part - A, Part - B and Part - C

2. Part-A- (15 marks) is compulsory and contains 10 questions (20 words), at least three questions from each unit, each question of 1.5 marks.
3. Part-B- (20 marks) is compulsory and contains five questions, at least one from each unit. Candidate is required to attempt all five questions. Each question is of 4 marks (50 words).
4. Part-C - (45 Marks) contains six questions, two from each unit. Candidate

is required to attempt three questions one from each unit. Each question is of 15 marks (400 words).

#### Course Contents:

##### Unit - I

Universe: Galaxies and Solar System; Origin of the earth - Kant, Chamberlin and James Jeans; Shape and size of the Earth; Motions of the Earth and its Satellite; Physical and chemical state of the interior of the earth; Structure and Zones of the interior of the earth and Geological time scale.

##### Unit - II

Wegener's theory of continental drift; Theories of mountain building - Joly, Kober and Hofines; Plate tectonics: Isostasy; Earth movements; Diastrophic forces - Faults and folds; Sudden endogenetic forces; Earthquakes and Volcano. Rocks: Their types and characteristics; Weathering and soil formation; Concept of Cycle of Erosion - Davis and Penck; Landforms associated with Fluvial, Karst, Glacier, Acofian and Coastal landscapes.

##### Unit - III

Composition and layers of atmosphere; Insolation and heat budget of the Earth; Temperature and Pressure: Atmospheric circulations - Planetary and local winds; Monsoon and Jet stream; Air masses and fronts; Temperate and tropical cyclones; Types and distribution of Precipitation; Koppen's and Thornthwaite's classification of world climate; Hydrological cycles Relief features of Atlantic, Indian and Pacific Oceans; Distribution of temperature and salinity in oceans; Ocean currents and tides; Marine deposits; Coral reefs and Atolls - Types and their origin according to Darwin. Murray and Daly; Marine resources - biotic, mineral and energy resources and their utilization.

#### Suggested Books:

1. Strahler, A.H. : Elements of Physical Geography.
2. Wooldridge, S. W.: The Physical Basis of Geography, Lognan's Green & Co. London 1959.
3. Mathur, I.R. : Climatology, Mc. Graw Hill, New York.
4. Banerjee, H.C. & D.S. : Mosam Vgyan, Rajasthan Hindi Granth Academy.

#### Jaipur

3. Gerald, S. : **General Oceanography**- An Introduction, John Wiley & Sons, New York.
6. Finch & Trewartha: **Elements of Physical Geography**.
7. Negi : **Physical Geography**.
8. Sharma, R.C. : **Oceanography for Geographers**, Chaitanya Publishers, Allahabad.

9. सविन्द्र सिंह : भौतिक भूगोल - बुधवार प्रकाशन, गोरखपुर (उ.प्र.) ।
10. भावना माधुर : भौतिक भूगोल - कल्याणी प्रकाशन ।
11. डी.एस. चौहान एवं अलका गीतम : भौतिक भूगोल - रस्तोगी प्रकाशन, मेरठ ।
12. डॉ. एल.एन. उपाध्याय : भौतिक भूगोल - राज. हिन्दी ग्रन्थ अकादमी, जयपुर ।
13. डॉ.एच.एस.शर्मा, डॉ.एम.एल.शर्मा व अन्य : भौतिक भूगोल - पंजाबील प्रकाशन, जयपुर ।
14. डॉ. आर.के. गुजर एवं डॉ. बी.सी. पाट : भौतिक भूगोल, पंजाबील प्रकाशन, जयपुर ।

#### PAPER - II : MAN AND ENVIRONMENT

3 hrs. duration

Max. Marks 80

#### Note:-

1. Each theory paper is divided into three independent units. The question paper is divided into three parts, Part - A, Part - B and Part - C
2. Part-A- (15 marks) is compulsory and contains 10 questions (20 words) at least three questions from each unit, such question of 1.5 marks.
3. Part-B- (20 marks) is compulsory and contains five questions, at least one from each unit. Candidate is required to attempt all five questions. Each question is of 4 marks (50 words).
4. Part-C - (45 Marks) contains six questions, two from each unit. Candidate is required to attempt three questions one from each unit. Each question is of 15 marks (400 words).

#### Course Contents :

##### Unit - I

Nature and scope; Concept of man-environment relationship - determinism, possibilism and their latest forms. Elements and facts of Human Geography as described by Brunhes, Huntington, Finch & Trewartha.

##### Elements of Environment - Physical, Economic, Social and Cultural.

##### Unit - II

Habitat economy and society with special reference to Eskimos, Bushman, Pigmy, Naga, Gond and Bhils. Human ecology and adaptations, Transformation of nature by man.

Environmental impact on human settlement types, form, building material, ecological study of human settlements. Global ecological imbalance - problems of population, resources and ecological crisis, Reduction in bio-diversity and depletion in forests. Tourism and recreational environment and heritage conservation.