

B.A. (Hons) Part – III Examination Geography

Paper	Duration	Max. Marks	Mini Marks
IX	3 hrs.	80	128 (40%)
X	3 hrs.	80	
XI	3 hrs.	80	
XII	3 hrs.	80	
Practical		80	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-IX : EVOLUTION OF GEOGRAPHICAL THOUGHT & METHODOLOGY

3hr. Duration

Max. Marks : 80

Note :-

1. Each theory paper is divided into three independent Sections. 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 Section, each question of 1.5 marks.
3. Part-B (20 marks) is compulsory and contains five questions, at least one from each Section. Candidate is required to attempt all five questions. Each question is of 4 marks (50-100 words).
4. Part-C-(45 marks) contains six questions. Two from each Section Candidate is required to attempt three questions one from each Section. Each question is of 15 marks (400 words)

Course Contents :

Section A

The scope and nature of geography in the ancient classical period, contributions of Herodotus, Eratosthenes, Strabo and Ptolemy, Dark age, Development of Geography during Medieval period with special reference of Al-Biruni, Al-Masudi, Ibn Batutta and Ibn Khaldun.

Section B

The revival of geography from the 14th to the 18th century, works of Varenus and Kant; foundation of modern of geography, contributions of Humboldt and Ritter, Ratzel, Mackinder, Dualism and its implication in the development of geography: Physical versus Human geography, Regional versus Systematic, Determinism versus Possibilism, Qualitative versus Quantitative geography, Neo Determinism.

Section C

Basic Concepts in Geography: Geography as the study of Areal Differentiation and landscape morphology, Concept and types of Regions, Geography as Human Ecology- Systems and System Analysis, Environmental science, Quantitative revolution Concept of Behavioural Geography, Development of Geography in India.

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Books Recommended :

1. जैन, एस.एम. : भौगोलिक चिन्तन का विकास, साहित्य भवन, आगरा।
2. कौशिक, एस.डी. : भौगोलिक विचारधारा एवं विधि तंत्र, रस्तोगी प्रकाशन, मेरठ।
3. सिंह यू. : भौगोलिक चिन्तन के मूलधार, वसुन्धरा प्रकाशन, नई दिल्ली।
4. वर्मा, एल.एन. एवं खत्री, एल.सी. : भौगोलिक विचारधाराएँ, राज. हिन्दी ग्रन्थ अकादमी।
5. Dickinson & Howrath : Making of Geography.
6. Hartshorne R. : The Nature of Geography, AAAG.
7. Hartshorne R. : Perspective of the nature of Geography, John Murray, London.
8. Jones & Jones (Ed.) % American Geography Inventory and Prospects Syracuse.
9. Taylor, G. (Ed.) : Geography in the Twentieth Century.
10. Woolridge & East : Spirit and purpose of Geography.
11. Ali, S.M. : Georaphy of Puranas, PPH, Delhi.

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PAPER-X : GEOGRAPHY OF INDIA

3hr. Duration

Max. Marks : 80

Note :-

1. Each theory paper is divided into three independent Sections. 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 Section, each question of 1.5 marks.
3. Part-B (20 marks) is compulsory and contains five questions, at least one from each Section. Candidate is required to attempt all five questions. Each question is of 4 marks (50-100 words).
4. Part-C-(45 marks) contains six questions. Two from each Section, Candidate is required to attempt three questions one from each Sections. Each question is of 15 marks (400 words)

Course Contents :

Section A

India in the context of South and Southeast Asia, Geological structure, Physiographic Divisions, Climate, Mechanism of Indian Monsoon, Major climatic regions; Vegetation, Major soils and regions; Drainage system, Water resources and Irrigation Projects; Forests, Mineral and Power resources: their utilization policy and conservation strategies.

Section B

Agriculture.-Typology, Major Crops, Changing pattern of crops, Agricultural growth during plan period and Green Revolution, Livestock resources and their development, Industrial growth and development; Industrial localization with reference to Iron and Steel, Cotton Textile, Cement and Chemical industries, Industrial regions; Population growth, Distribution, Problems, Policy implication, trends of urbanization and human resource development.

Section C

Regional Disparities in Economic development, Planning and Economic regions of India, Multilevel Planning, Problems and prospects of linking of rivers, Environmental issues in India, Transport development: Rail, Road, Air and Waterways, Foreign trade: challenges and prospects.

Suggested Books :

1. चौहान एवं गौतम : भारत, रस्तोगी एण्ड कम्पनी, मेरठ।
2. चौहान टी.एस. : भारत का भूगोल, विज्ञान प्रकाशन, जयपुर।
3. वी.के.तिवारी : भारत का वृहत भूगोल, हिमालय पब्लिकेशन।
4. मामोरिया एवं जैन : भारत का वृहत भूगोल, साहित्य भवन, आगरा।
5. सुरेश चन्द्र बंसल : भारत का वृहत भूगोल।
6. Govt. of India : India (Latest Ed.) G.O.I. Publication Division, New Delhi.
7. Times of India : India Year Book (Latest) T.O.I. Press, New Delhi.
8. Sharma & Coutinno : Economic and Commercial Geography of India, Vikad, Delhi.
9. Singh, R.L. & Associates (Ed.): India – A Regional Geography, NGSI, Varansasi.
10. Spate, O.H.K. : India and Pakistan : Methues & Co.
11. Sdasyuk, G. and Sengupta, P. : Economic Regionalisation of India, G.O.I., New Delhi.
12. Wadia, D.N. : Geology of India. McMillan & Co. Delhi.

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PAPER-XI : URBAN GEOGRAPHY

3hr. Duration

Max. Marks : 80

Note :-

1. Each theory paper is divided into three independent Sections. 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 section, each question of 1.5 marks.
3. Part-B (20 marks) is compulsory and contains five questions, at least one from each section. Candidate is required to attempt all five questions. Each question is of 4 marks (50-100 words).
4. Part-C-(45 marks) contains six questions. Two from each section Candidate is required to attempt three questions one from each section. Each question is of 15 marks (400 words)

Course Contents :

Section A

Nature and scope of urban geography, Factors affecting origin and growth of towns during Ancient, Medieval and modern Period, Site and Situation, Definition and criteria of urban center, Chief characteristics of Modern town - Metropolis, Conurbation, Megalopolis, Trends of Urbanization - World and India (since 1901).

Section B

Functional classification of cities, Urban Hierarchy based on functions, Central place theory, Rank size relationship, Theories of urban growth. Morphology of Indian cities, Urban Land use - commercial, Industrial and residential areas.

Section C

Contemporary urban issues and problems, Urban policies. City region Relationship: Umland, Rural Urban fringe, satellite towns, suburbs, green belt and garden city, Principles of town planning, Study of Master Plan of Alwar, Concept of Smart city.

Suggested Books :

1. Carter : The Study of Urban Geography, Edward Arnold, London.
2. Johnson, J.H. : Urban Geography, Pergamono Press, London.
3. Mayer & Cohn : Readings in Urban Geography, Central Books Depot., Allahabad.
4. Smailes, A.E. : The Geography of Town : hut Chinson, London.
5. Sovani, N.V. : Urbanisation and Urban India, Asia Publishing House.
6. Taylor, G. : Urban Geography, Methuen & Co., London.
7. Turner, R. : India's Urban Future, University Press, Bombay.
8. जोशी, रतन : नगरीय भूगोल, राजस्थान हिन्दी ग्रंथ अकादमी, जयपुर।
9. बंसल एस.सी. : नगरीय भूगोल।

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PAPER-XII : Fundamentals of Agricultural Geography

3hr. Duration

Max. Marks : 80

Note :-

1. Each theory paper is divided into three independent Sections. 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 section, each question of 1.5 marks.
3. Part-B (20 marks) is compulsory and contains five questions, at least one from each section. Candidate is required to attempt all five questions. Each question is of 4 marks (50-100 words).
4. Part-C-(45 marks) contains six questions. Two from each unit Candidate is required to attempt three questions one from each section. Each question is of 15 marks (400 words)

Course Contents :

Section A

Meaning, Nature, scope and Significance of Agricultural Geography. Approaches (systemic and regional, Commodity, Environmental) of Agricultural geography, Determinants of Agricultural land use: physical, social, economic and cultural.

Section B

Concept of agricultural region: Whittlesey's classification of agricultural regions, agricultural typology, land use with special reference to India and land capability classification: methods and applications. Agro and Social Forestry: Green and Blue Revolution in India.

Section C

Agro-climatic regions of India and their characteristics, Agricultural policy in India and contemporary Agricultural statistics and their mapping; agricultural regionalization – concept, methods of delimitation; Traditional and statistical methods; Crop-ranking; Crop-combination regions; Weaver's crop-diversification, concentration methods .

Agricultural Efficiency –concept and methods of measurements, Nutrition and food balance sheet, crop-pattern and deficiency disease.

Suggested Readings:

Bayliss Smith, T.P., The Ecology of Agricultural Systems, Cambridge University Press, London, 1987.

Berry, B.J.L. et al, The Geography of Economic Systems, Prentice Hall, New York, 1976. Mamoria, C. B., Agriculture Problems in India, Kitab Mahal, Allahabad

Mohammad, A., Dynamics of Agricultural Development in India, Concept Pub. Co., New Delhi

Mohammad, N., Perspectives in Agricultural Geography, Concept Pub. Co., New Delhi

Morgan, W.B. and Munton, R.J.C., Agriculture Geography, Methuen & Co., London Shafi, M., Agriculture Geography, Dorling Kindersley Pvt. Ltd., New Delhi

Weber, Alfred, Alfred Weber's Theory of Location of Industries, Chicago University Press, Chicago, 1929.

Yaseen, Leonard, Plant Location, American Research Council, New York

21/11/21

हुसैन, माजिद कृषि भूगोल, रावत पब्लिकेशन, नई दिल्ली

- तिवारी, आर.सी. एवं सिंह, बी.एन., कृषि भूगोल, प्रवालिका पब्लिकेशन्स, इलाहाबाद
- शर्मा, बी.एल. एवं भारद्वाज, डॉ पलक, कृषि भूगोल, रस्तोगी पब्लिकेशन, मेरठ
- गौतम अलका, कृषि भूगोल, शारदा पुस्तक भवन, इलाहाबाद
- नेगी, बी. एस., कृषि भूगोल, केदारनाथ रामनाथ मेरठ
- सिंह, ब्रजभूषण, कृषि भूगोल, ज्ञानोदय प्रकाशन, गोरखपुर
- जैन, हरकचंद, सैद्धान्तिक आर्थिक भूगोल, कमलेश प्रकाशन, भीलवाड
- कुमार, प्रमिला एवं शर्मा, श्रीकमल: औद्योगिक भूगोल, मध्य प्रदेश हिन्दी ग्रन्थ अकादमी
- लोढा, राजमल: औद्योगिक भूगोल, राजस्थान हिन्दी ग्रन्थ अकादमी

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GEOGRAPHY (HONS-III) PRACTICAL

Duration : 6 hrs.

Min. Pass Marks – 32

Max Marks : 80

Distribution of Marks for the purpose of Examination

1. Written paper (Lab work) (3hour) (3 Prob out of 5)	30 Marks
2. Record work and viva-voce (15+5)	20 Marks
3. Field Survey and viva-voce (10+5) (3 hour)	15 Marks
4. Camp report and viva-voce (10+5)	15 Marks
With PPT	Total
	80 Marks

Note : Minimum 30 sheets must be prepared by students and checked & signed by teacher with date, otherwise students will be responsible. Students must write his/her name on every sheet. The teacher should give fresh exercise every year so that the students may not undertake tracing of old exercise every year.

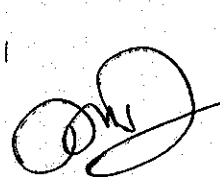
Projections (Mathematical Construction) General principles, classification and choice of projections, construction, properties, merit and demerits, limitations and use of projection, Projections suitable for map of India.

1. **Cylindrical** : Simple, equal area, Gall's and Mercator's projection. **Zenithal** (Polar case) : Equidistant; Equal Area, Gnomonic, Orthographic, Stereographic. **Conical** : One standard parallel, two standard parallels, Bonne's and Polyconic, **Conventional** : Mollweide's, Sinusoidal, Globular and international projection.
2. **Statistical methods** – computation of data, Preparation of frequency tables, Graphical presentation of frequency distribution – histogram, frequency polygon, frequency curve and o-give. Mean, Median and Mode, Quartile, Standard deviation, Lorenz curve. Calculation of coefficient of correlation (Spearman's and Karl Pearson's)
3. **Diagram** – Value-area cartogram, Triangular diagram, Rainfall dispersion diagram.
4. **Levelling** : Terms, types, principles and classification of leveling, profiles and other leveling. Use and application of Dumpy level and Abney level.
5. Remote sensing and GIS: Use and importance of air photos; Historical development, space programmes in India; GIS-meaning, definition, importance and its applications.
6. Three days Industrial Survey Camp of any village/town in Rajasthan state. Report should be prepared by each student separately and should be submitted in the form of hardcopy & PPT.

Books Recommended

1. Kellaway, Georgep : Map Projections, Mathuen & Co., London.
2. Steets, J.K. : Map Projections, University of London Press, London.
3. Singh R.L. : Elements of Practical Geography, Kalyani Publishers, New Delhi.
4. जे.पी. शर्मा : प्रायोगिक भूगोल, रस्तोगी प्रकाशन, मेरठ।
5. एम.एस.जैन : प्रायोगिक भूगोल, साहित्य भवन, आगरा।
6. आर. एन. मिश्रा पी. के. शर्मा, प्रायोगिक भूगोल – रावत प्रकाशन, जयपुर।

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