

GEOGRAPHY (HONS)

2018-19 & onwards

B.A./B.Sc. (Hons.) Geography Part-II Examination

Scheme of Examination

GEOGRAPHY

Min. Pass Marks 160 (40%)
Paper - V 3 hour duration
Paper - VI 3 hour duration
Paper - VII 3 hour duration
Paper - VIII 3 hour duration
Practical

Introduction to Political Geography
Cultural Geography
Fundamentals of Biogeography
Statistical Methods in Geography

Max. Marks 400
Max. Marks 80
Max. Marks 80
Max. Marks 80
Max. Marks 80
Max. Marks 80

Notes

1. Students are permitted to use the stenets, simple calculator and log tables wherever needed in both theory and practical examinations.
2. There will be a common paper for Arts and Science.
3. Q.1 will be compulsory and will cover the entire course of the paper.

Q.NO. 1 will be of 40% marks of the maximum marks be set in two parts.

Part (a) will have eight items (out of ten) for locating on a map (to be supplied by examination center) carrying 20% marks of the Maximum marks.

Part (b) will have 05 short answer questions carrying 20% marks of the maximum marks and candidates shall attempt any four items.

4. Remaining 06 questions carrying equal marks will be set with two questions from each section of the syllabus. (Essay Type/descriptive answer)
5. Candidate will attempt 4 questions including question No. 1 in all selecting at least one question from each section.
6. Practical examination will be conducted by the board of examiners.
7. The candidate will have to pass in theory and practical separately.

SYLLABUS

Paper V: Introduction to Political Geography

Section A

Meaning, nature, scope and subject matter of political geography, political geography and critical geopolitics, approaches to the study of political geography, morphological, functional


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and united field theory, role of physical, demographic, economic, socio-cultural and historical factors in the emergence of states.

Section B

State as a politico-territorial phenomenon: changing nature of location, size and shape in political geography of states, political and administrative framework and its hierarchical relationship to unitary and federal forms of governance, boundaries and frontiers, functions and classification of international boundaries, global strategic views: the views of Mackinder, Spykman, de Seversky and Mahan and their relevance to contemporary world situation.

Section C

Underdevelopment and international policies, the North-South dialogue, SAARC and ASEAN the new international economic order, international tensions, West Asia and Indian Ocean region, regionalism in international relations, geopolitical dimensions of environment.

Recommended Readings :

- Adhikari, S. 2004: Political Geography. Rawat Publications, Jaipur.
Alexander, L.M. 1966: World Political Patterns. John Murray and Co., London.
Blij, H.J. de and Glassner, Martin 1968: Systematic Political Geography. John Wiley, New York.
Dikshit, R.D. 1985: Political Geography: A Contemporary Perspective. Tata McGraw-Hill Publishing Co., New Delhi.
East, W.G. and Spate, O.H.K. 1966: The Changing Map of Asia. Methuen, London.
Pounds, N.J.G. 1972: Political Geography. McGraw Hill, New York.
Short, J.R. 1982: Political Geography of the 20th Century: A Global Analysis. New York.
सक्सेना, एच.एम. 2009-10: राजनैतिक भूगोल। रस्तोगी पब्लिकेशन्स, मेरठ।
Taylor, P. 1985: Political Geography. Longman, London

Paper VI: Cultural Geography

Section A

Definition, components of culture evolution and branches of cultural geography, cultural realms convergence and divergence process, cultural diversity in world, evolution of man, rise and dominance of hominids, their pattern of spread over the globe, primary races and their relationship with surrounding environment, landscape ecology.

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Section B

Evolution of civilization: with special reference to mesopotamian, Nile, Indus and Hwang-ho valley civilization, Indus valley civilization- development, growth, expansion, organization and causes for its downfall, characteristics and distribution of races, ethnic groups, linguistic families, religious groups.

Section C

Domestication of plants and animals, patterns of livelihood: various economic activities & cultural adaptations, agriculture, industrialization and modernization, technological changes and their spatial implications, social structure and technology, pattern of rural and urban society, social processes in the city, the city in the developing countries.

Recommended Readings :

- Broek, J.C. and Webb, J.W. 1978: A Geography of Mankind. McGraw Hill, New York.
दीक्षित, श्रीकान्त एवं त्रिपाठी, रामदेव 2001 : सांस्कृतिक भूगोल। वसुन्धरा प्रकाशन, गोरखपुर।
Husain, M. 2007, Models in Geography. Rawat Publications, Jaipur
Johnson, D.C. et al 2012: World Regional Geography: A Development Approach. PHI Learning Private Limited, New Delhi, Edition
Mukherjee, A.B. and Aijazuddin, A. 1985: India-Culture, Society and Economy. Inter-India Publication, New Delhi.
प्रसाद, गायत्री 2005 : सांस्कृतिक भूगोल। शारदा पुस्तक भवन, इलाहाबाद।
Rubenstein, J.M. and Bacon, R.S. 1990: The Cultural Landscape: An introduction to Human Geography. Prentice Hall of India Private Limited, New Delhi
Spencer, J.E. et al : Cultural Geography. John Wiley and Sons, New York.
रिजवी, एस.एस. 1994: सांस्कृतिक भूगोल। राजस्थान हिन्दी ग्रंथ अकादमी, जयपुर।

Paper VII: Fundamentals of Biogeography

Section A

Definition, scope and significance of bio-geography, basic ecological principles: bio-energy cycle in the terrestrial ecosystem and energy budget of the earth: trophic and food chain, Darwin's theory of evolution, concept of biome and community.

Section B

Origin of fauna and flora, geographical distribution, major gene-centres: domestication of plants and animals, and their dispersal, distribution of plant life on the earth and its relation to it.

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soil types climates and human practices, geographical distribution of animal life on the earth and its relations to soil, vegetation types, climates and human practices.

Section C

Ecological changes over space and time, ecosystem stability and disturbance, managed ecosystems : agricultural, urban, case studies of human induced ecological changes: desert ecosystems with specific reference to Rajasthan, wetland ecosystems with specific reference to the Rajasthan wetlands, agricultural ecosystems with specific reference to the Indira Gandhi Nahar Pariyojna (IGNP), industrial affluent and its effect on fresh water biology and riverine ecosystem management practice (special reference to Rajasthan).

Recommended Readings :

- Cox, C.B. Moore, P.D. 2010: Biogeography- An Ecological and Evolutionary Approach. John Wiley and Sons, U.S.A.
- Huggett, R.J. 1998: Fundamental of Biogeography. Routledge, London.
- गुर्जर, आर.के. एवं जाट, बी.सी. 2012: पर्यावरण भूगोल। पंचशील प्रकाशन, जयपुर।
- Ladle, R.J. and Whittaker, R.J. 2011: Conservation Biology. Blackwell Publications Co., U.S.A.
- Mathur, H.S. 1988: Essentials of Biogeography. Pointer Publishers, Jaipur.
- Macdonald, Geen, 2002: Biogeography: Introduction to Space-Time and Life. John Wiley, New York
- Odum, E.P. 1975: Ecology, Rowman and Littlefield. Lanhan, U.S.A.
- Robinson, H. 1982: Biogeography. Else, Mc. Donald and Evans London.
- Singh, M.B. et al (ed.) 1986: Forest Resource: Economy and Environment. Concept Publishing Company, New Delhi.
- Singh, S. 2012: Environmental Geography. Prayag Pustak Bhawan, Allahabad.
- सिंह, एस. 2013: जीव भूगोल। प्रयाग पुस्तक भवन, इलाहाबाद।

Paper VIII: Statistical Methods in Geography

Section-A

Sources of data methods of data collection, processing analysis and results, questionnaire and schedule, frequency distributions, characteristics of frequency distribution: number of classes: class-interval, graphical representation data: histogram, frequency polygon, frequency curve and cumulative frequency curve (ogive).

Section B

Measures of central tendency: median, mode, arithmetic mean and geometric mean, measure of variation: coefficient of range, quartile deviation, standard deviation, Coefficient of variation, roundness, measures of Skewness, Kurtosis, simple correlation and regression.

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Section-C

Theory of probability-basic principles: axioms probability, probability distribution, theory of sampling: types of sampling random systematic and stratified sampling: problems application of sampling methods in Geography t-test and chi-square test.

Books Recommended :

Aslam, Mahmood 1977: Statistical Methods in Geographical Studies. Rajesh Publications, Delhi.

Duncan, O.D. et. Al. 1961: Statistical Geography, (Problems in Analysing Areal Data). Free Press of Blenco, New York.

Gregory S. 1963: Statistical Methods and the Geographer. Longmans, London.

King, L.J.: Statistical Analysis in Geography. Prentice Hall, Englewood Clifs, NJ.

Lewis, Peter 1977: Maps and Statistics. Methuen & Co. Ltd., London.

Gupta, S.P. 1979: Statistical Methods. Sultan Chand & Sons, New Delhi.

Mahmood, A. 1998: Statistical Methods in Geographical Studies, Rajesh Publication, New Delhi.

Nagar, K.N. 1992: Sankhiki Ke Mool Tatva. Meenakshi Prakashan, Meerut.

Practicals

Scheme of examination

Min. Pass Marks: 32

	Marks	Max. Marks: 80
Written test	40	Time 3 hrs.
Field survey and viva voce	15+5	2 1/2 hrs.
Record and viva voce	15+5	
Total Marks	80	

N.B. 1. There shall be 6 questions in written test selecting at least 04 questions from each section. Candidates are required to attempt 4 questions selecting 1 question from each section. All question carry equal marks.

SYLLABUS

Section A

Maps and diagrams: one dimensional (bar & pyramid), two dimensional (square, rectangle, wheel, circles & ring), three dimensional diagrams (cube, sphere and block pile), distributional maps: dot, isopleth, choropleth, chorochromatic and chitochromatic.

Section B

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Measures of central tendency & dispersion: mean, median and mode, mean deviation, quartiles & standard deviation.

Section C

Plane table surveying: Equipments, procedure, traversing – open and closed traverse, methods- radial and intersection, concept of resectioning: two point problem, three point problem

Use of Indian pattern clinometer.

Recommended Readings:

Monkhouse F.J. and Wilkinson, H.R. (1971), Maps and Diagrams: Their Compilation and Construction. B.I. Publications Private Limited, New Delhi.

Singh R.L. and Singh R.P.B. (1991); Elements of Practical Geography. Kalyani Pub. New Delhi.

Sarkar A. (1997); Practical Geography: A Systematic Approach. Orient Longman. Ltd. Hyderabad.

Robison, A.H. et al 2004: Elements of Cartography. John Willey & Sons, New York.

शर्मा, जे.पी. 2012: प्रायोगिक भूगोल। रस्तोगी पब्लिकेशन्स, मेरठ।

Mishra, R.P. and Ramesh, A (1989); Fundamentals of Cartography. Concept Publishing Company, 1989, New Delhi.


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