

RAJ RISHI BHARTRIHARI MATSYA UNIVERSITY, ALWAR

Syllabus

B.A. Part – I, II, III- Examination

Geography

Paper	Duration	Max. Marks	Mini Pass Marks
I	3 hrs.	75	54 (36%)
II	3 hrs.	75	
Practical		50	18 (36%)
Total = 150+50=200,			
Student will have to pass separately in theory and practical. (54+18)			

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 (15 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 3 marks (50 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)
5. Practical examination will be conducted by the board of examiners.
6. The candidate will have to pass in theory and practical separately.
7. Non collegiate candidates will have to attend a practical training camp of 48 hours at a college affiliated to the RRBM University, Alwar notified by the University from time to time in which Geography subject is taught on payment of fee fixed by the University. The candidates appearing at examination from any examination centre located in Alwar district will attend the practical camp at the Department of Geography (at any government college) on payment of fee fixed by the University. The candidate will pro-cure certificate of successful completion of practical training camp from the College/Department of Geography and produce the same at the time of practical examination.

22/9/21

22/9/21

22/9/21

PAPER-I : PHYSICAL GEOGRAPHY

3hr. duration

Max. Marks 75

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 (15 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 3 marks (50 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

Definition of Physical Geography; Origin of the earth, Shape and size of the Earth, Motions of the Earth and its Satellite, Physical and chemical state of the earth, structure and zones of the interior of the earth and Geological time scale, Origin of Continents and Oceans, Continental Drift Theory, Plate Tectonics, Concept of isostasy- view of Airy & Pratt, Earth movements; Diastrophic forces – Faults and folds; Sudden Endogenic forces; Earthquakes and Volcanoes

Section B

Rocks. their types and characteristic, Theories of mountain building – Joly, Kober and Holmes; Exogenic Forces-Denudation, Concept of cycle of Erosion- Davis and Penck; Landforms associated with Fluvial, Glacial, Aeolian, Coastal & Karst landscapes.

Composition and structure of the Atmosphere, Insolation, Temperature and Pressure, Pressure belts and Planetary winds, Monsoon and local winds, Humidity, classification of Clouds and Precipitation, Air masses, Fronts and Cyclones: Tropical and Temperate

Section C

Classification of the world climates: Koppen and Thornthwaite, General climatic classification.

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.

21/7/21

21/7/21

21/7/21

Classification of Marine Resources, Biosphere and its components, ecosystem: plants community and animal kingdom, biomes: equatorial rainforest, monsoon, Savannah and temperate grasslands.

Recommended Readings:

1. चौहान वी.एस. व गौतम, ए. 2005, भौतिक भूगोल (जीवमण्डल सहित)। रस्तोगी पब्लिकेशन्स, मेरठा
2. दयाल पी. 2012, भौतिक भूगोल। राजेश पब्लिकेशन्स, नई दिल्ली।
3. गौतम, अल्का, 2012: भौतिक भूगोल। रस्तोगी पब्लिकेशन मेरठा।
4. सिंह, सविन्द्र 2005 : भू-आकृति विज्ञान तारा पब्लिकेशन, वाराणसी।
5. सिंह, सविन्द्र, 2011 : भौतिक भूगोल का स्वरूप। प्रयाग पुस्तक भवन, इलाहाबाद।
6. शर्मा, एचएस, शर्मा एम.एल. एण्ड मिश्रा आर. एन. 2008 भौतिक भूगोल। पंचशील प्रकाशन जयपुर।
7. डी.आर. खुल्लर, भौतिक भूगोल, कल्याणी पब्लिशर्स।
8. Husain, M. 2001, Fundamentals of Physical Geography. Rawat Publication, Jaipur
9. Hess, D. 2012: Physical Geography, A Landscape Appreciation. PHI Learning Limited, New Delhi, McKnight's Tevtt Edition.
10. Khullar, D.R. 2012: Physical Geography. Kalyani Publishers, New Delhi
11. Sharma, R.C. and Vatal M. 1999: Oceanogra...
12. Strahler, A.H. : Elements of Physical Geography.
13. Finch & Trewartha : Elements of Physical Geography.

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B.A. Part – I Examination
PAPER- II: GEOGRAPHY OF RAJASTHAN

3hr. Duration

Max. Mar : 75

Note:-

1. Each theory paper is divided into three independent Section. 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 (15 marks) is compulsory and contains five questions, at least one form each Section. Candidate is required to attempt all five questions. Each question is of 3 marks (50 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

Rajasthan: Location; Physiographic Regions; Geological structure; Climate and Climatic regions; Drainage system and lakes; Soil types and regions, Erosion and Conservation; Vegetation – types and distribution.

Land utilization in Rajasthan: Agriculture – types and characteristics, production and distribution of food and commercial crops; cropping pattern and Agro-climatic zones; importance and sources of irrigation; Major irrigation projects- Chambal, Mahi and Indira Gandhi Canal Project (I.G.C.P.); Live Stock Products and Dairy Development Programmes.

Section B

Distribution and production of minerals – metallic and Non-metallic; Power Resources – Coal, Petroleum and Natural Gas; Power Resources – as electricity - Hydro based and non-conventional, Industrial Development: Classification of industries, Development, distribution, production and locational analysis of cotton textile, cement and stone industries, zinc and copper smelting; Cultural heritage and Tourism industry.

Population: Distribution and density; Population structure – age and sex ratio, urban and rural, literacy and Occupational Population; Population growth since independence, causes, problems and solutions. Social and cultural status of major tribes – Bhil, Garasia, Meena, Saharia.

Section C

Means of transportation – roads, railway network and airways.

Detailed study of Marusthal, Aravali, Hadoti and Eastern Plain regions with following heads: Physical environment. Social and cultural environment and economic aspects.

Concept of Human Development – Major indicators, H.D.I. (Human Development Index) of Rajasthan reference to other states of India.

Status of Women in Rajasthan – changing aspects of demographic, social economic, health and nutrition.





Recommended Readings:

1. Bhalla. L.R. 1996-97 Geography of Rajasthan. Kuldeep Publications,
2. Gujar.R.K. 1992 Geography of Indira Gandhi Canal, Rajasthan Hindi Granrth Academy
3. Lodha, R. & Maheshwari, D. 2001: Geography of Rajasthan Sahitya Bhawan Publication, Hospital Road Agra
4. Millim, VIC 1967: Geography of Rajasthan National book trust of India, New Delhi
5. Simph, R.L. 1971 (ed.): India A Regional Geography NGSL Varanasi
6. Attar Singh 1902 Flood Prone Areas of India. Aviskar Publishers, Jaipur Sharma HS and M.L.. Sharma 2014: Geography of Rajasthan. Pancheil Publisher, Jaipur.
7. तेजसिंह चौहान, राजस्थान का भूगोल, साईन्टिफिक पब्लिशर्स।
8. Geography of Rajasthan, Dr. P.K. Sharma & Dr. Preeti Sharma, Rawat Publication Jaipur.

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Practical

Scheme of Examination

Min Pass Marks :18

Max Marks : 50

Written Test

Bifurcation of Marks

Time

Record and Viva voce

30

3 hrs.

12+08

N.B There shall be 5 questions in written paper. Candidates are required to attempt 3 Questions . All question carry equal marks. Each practical batch of 30 students will be allotted a teaching of 4 hours per week for Practicals.

Course Contents:

1. Definition and types of scale: simple, comparative, diagonal.
2. Graph: line graph, bar graph, combined line and bar graph, Hythergraph and Climograph, Water Budget Graph, Windrose.
3. Weather map, weather symbols, representation of atmospheric features, interpretation of Indian daily weather maps (July and January), weather instruments.
4. Methods of showing different relief features: hachures, hills shading, benchmark, spot heights, form lines, contours and drawing of cross sections (conical hill and plateau, types of slopes, valleys, ridge and saddle, gorge, waterfall and rapids, escarpment, lake, spur, col, meanders and Cliff)
5. Profiles: serial, superimposed, projected and composite.
6. Statistical methods – computation of Data, Preparation of frequency tables, Graphical representation of frequency distribution. Histogram. Frequency polygon. Frequency curve

Recommended Readings:

- 1.Monkhouse, F. J. and Wilkinson, F.J. 1985: Maps and Diagrams. Methuen, London
- 2.Mahmood, A 1998: Statistical Methods in Geographical Studies. Rajesh Publication, New Delhi (fourth revised edition).
- 3.Raisz, E. 1962: General Cartography. John Wiley and Sons, New York. 5th edition.

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09/05/2018

4. Singh, R.L. and Singh, Rana, P.B., 1991: Elements of Practical Geography. Kalayani Publishers, New Delhi.
5. Sarkar, A. K. 1997: Practical Geography: A Systematic Approach. Orient Longman, Kolkata.
6. शर्मा, जे.पी. 2011: प्रयोगात्मक भूगोल की रूपरेखा। रस्तोगी पब्लिकेशन्स, मेरठ।
7. Singh, L.R 2006: Fundamentals of Practical Geography. Sharda Pustak Bhawan, Allahabad.
8. Venkatrameiah, C., 1997: A Text book of Surveying. University Press, Hyderabad.
9. प्रायोगिक भूगोल, डॉ. आर.एन.मिश्रा, डॉ. पी.के.शर्मा, रावत पब्लिकेशन्स, जयपुर।

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