

# RAJ RISHI BHARTRIHARI MATSYA UNIVERSITY, ALWAR

## Syllabus-Geography

### B.A. Part – II

#### Scheme of Examination

Faculty	Min Pass Marks	Max. Marks
Arts/Social Science	72	200
Science	72	200
Paper I	Resources Geography	Arts 75 Science 75
Paper II	Human Geography	Arts 75 Science 75
Practical	18	Arts 50 Science 50

#### Note :-

1. Students are permitted to use the stencils, (without any geographical location marking as latitude, longitude, continent, country, state name etc.) simple calculator and log tables wherever needed in both theory and practical examinations. Each theory paper will have a teaching of 04 hours per week.
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.
  - (a) Part (a) will have twelve items for locating on a map (to be supplied by examination centre) carrying 20% marks of the maximum marks and candidates shall attempt any ten items.
  - (b) Part (b) will have 06 short answer questions carrying 20% marks of the maximum marks and candidates shall attempt any five questions (Answer limit will be 75 words for each question.)
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 04 questions in all including question No. 1 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.
8. The 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 Govt. College) on payment of fee fixed by the University. The candidate will procure Certificate of successful completion of practical training camp from the College/Department of Geography and produce the same at the time of practical examinations.

## SYLLABUS

### Paper I: Resources Geography

#### Section A

Nature, scope and significance of resources geography, definition and classification of resources: renewable and non renewable resources, resource classification of Zimmerman. Natural Resources: Distribution, exploitation, uses and conservation of forest, water, soils, fisheries, mineral resources, energy resources (coal, petroleum, natural gas and non-conventional energy resources).

#### Section B

Human resources: Population growth, distribution and density, causes of inequalities, population-resources relationship and problems, Agricultural resources: fisheries and cereal crops: rice, wheat, maize and barley; beverages: tea, coffee and tobacco, commercial crops: cotton, rubber, jute, sugarcane, silk and artificial fibres. Agricultural regions of the world.

#### Section C

Concepts of Resources utilization, their conservation. environmental and cultural constraints in resource utilization, water conservation and rainwater harvesting, soil and forest resources conservation, land capability classes, resources regions of the world, resources regions of the India, economic regions of the India, sustainable development.

#### Recommended Readings:

- Alexander, E.W. 1988: Economic Geography. Prentice Hall India, New Delhi.  
Bunting B.C., 1987: The Geography of Soil. Prentice hall, New York.  
गुर्जर, आर.के. एवं जाट, वी.सी. 2013: संसाधन भूगोल। पंचशील प्रकाशन, जयपुर।  
कौशिक, एस.डी. 2010: संसाधन भूगोल। रस्तोगी पब्लिकेशन्स, मेरठ।  
भाथुर, वी. 1998: संसाधन भूगोल। रस्तोगी प्रकाशन, मेरठ।  
Mitchell, Bruce. 1979: Geography and Resource Analysis. Longmans, London.  
Bark, C.C. 2001: The Environment-Principles and applications. Routledge, London.  
Robinson, G.W. 1932 : Soils, their Origin, Constitution and Classification. London.  
Shafi, M. 2004: Agricultural Geography. Pearson India.

### Paper II: Human Geography

#### Section A

Definition, aims and scope of human geography, relation of human geography with other social sciences, Principles of human geography, essential facts of human geography

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N.B. 1. There shall be 5 questions in written paper selecting at least 01 question\* from each section. Candidates are required to attempt 3 questions selecting 1 question from each section. All question carry equal marks.

### Section A

Definition of cartography, types of cartographic symbols and their uses, drawing instruments and materials, classification and representation of data with the help of squares, rectangles, circles, spheres, ring, pyramids, wheel diagrams, traffic flow diagram , isochronic chart.

### Section B

Classification and uses of maps, drawing of isopleth, choropleth, chorochromatic, choroschematic and dot maps (simple, multiple and multi colour), measures of central tendency and dispersion: mean, median, mode, quartiles, standard deviation.

### Section C

Elements of map reading. History of topographical maps in India, Scheme of topographical mapping in India as per National Map Policy, 2005. Conventional symbols and interpretation of physical and cultural features on topographical maps.

Prismatic Compass survey: equipments, methods of measurement of bearings, correction of bearings, record of survey closing error and its corrections.

### Recommended Readings:

- Monkhouse, F. J. and Wilkinson, F.J. 1985: Maps and Diagrams. Methuen, London  
Mahmood, A. 1998: Statistical Methods in Geographical Studies. Rajesh Publication, New Delhi (fourth revised edition).  
Raisz, E. 1962: General Cartography. John Wiley and Sons, New York. 5<sup>th</sup> edition.  
Singh, R.L. and Singh, Rana, P.B., 1991: Elements of Practical Geography. Kalayani Publishers, New Delhi.  
Sarkar, A. K. 1997: Practical Geography: A Systematic Approach. Orient Longman, Kolkata.  
शर्मा, जे.पी. 2011: प्रयोगात्मक भूगोल की रूपरेखा। रस्तोगी पब्लिकेशन्स, मेरठ।  
Singh, L.R 2006: Fundamentals of Practical Geography. Sharda Pustak Bhawan, Allahabad.  
Venkatrameiah, C., 1997: A Text book of Surveying. University Press, Hyderabad.

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