

# 8. Geography.

	Scheme of Examination	Max. Marks
Faculty	Min. Pass Mars	
Arts/Social Science	72	200
Science	54	150
Paper I	World Regional Geography	Arts 75 Science 50
Paper II	Geography of India	Arts 75 Science 50
Practical	18	Arts 50 Science 50

## Notes

1. Students are permitted to use the stencils, 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 of 20% marks of the maximum marks to be set in two parts.  
(a) Part (a) will have ten items for locating on a map (to be supplied by examination centre) carrying 10% marks of the maximum marks and candidates shall attempt any five items.  
(b) Part (b) will have 10 short answer questions carrying 10% marks of the maximum marks and candidates shall attempt any five items.
4. Remaining 9 questions carrying equal marks will be set with three questions from each section of the syllabus.
5. Candidate will attempt 5 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 University of Rajasthan, Jaipur 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 Jaipur City will attend the practical camp at the University Post Graduate Department 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.

## **Paper I: World Regional Geography**

### **Section A**

**Asia:** Terrain Pattern, Drainage, Climate, Natural Vegetation, Soils, Population and Economic Base of the Continent In General. Regional Study of South-East and South-West Asia.

**Europe:** Terrain Pattern, Drainage, Climate, Natural Vegetation, Soils, Population and Economic Base of the Continent In General ; Regional Study of British Isles, France and Germany.

### **Section B**

**North and South America:** Terrain Pattern, Drainage, Climate, Natural Vegetation, Soils, Population and Economic Base of the Continent In General; Regional Study of New England and Brazil.

### **Section C**

**Australia and New Zealand:** Terrain Pattern, Drainage, Climate, Natural Vegetation, Soils, Population and Economic Base of Australia and New Zealand In General.

#### **Recommended Readings:**

- Cole, J., 1996. A Geography of the World's Major Regions, Routledge, London.  
Deblin, H.J., 1994, Geography : Regions and Concepts, John Wiley, New York.  
Dickenson, J.P. et al. 1996. The Geography of the Third World, Routledge, London.  
Gourou, P., 1980. The Tropical World, Longman, London.  
Jackson, R.H. and Hudman, L.E., 1991. World Regional Geography : Issues for Today, John Wiley, New York.  
Kolb, A., 1977. East Asia - Geography of a Cultural Region, Methuen, London.  
Minshull, G.N., 1984 Western Europe, Hodder & Stoughton, New York.  
Patterson, J.H., 1985. Geography of Canada and the United States. Oxford University Press.  
Songquiao, Z., 1994. Geography of China, John Wiley, New York.  
Ward, P.W. and Miller, A. 1989. World Regional Geography : A Question of Place. John Wiley, New York.

## Paper II: Geography of India

### Section A

India in the context of South and Southeast Asia, geological structure, physiographic divisions, climate seasons, 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 periods 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.

#### Recommended Readings:

- Gautam, Alka, 2010: Geography of India. Rastogi Publications, Meerut.  
Gopal Krishnan, R. 2001: Geography of India, Jawahar Publishers & Distributions, New Delhi, 2<sup>nd</sup> Edition  
Khullar, D.R. 2006. India: a comprehensive Geography: Kalyani Publishers, New Delhi  
माधुरिया, सी. 1999: आधुनिक भारत का वृहत भूगोल। साहित्य भवन प्रब्लिकेशन्स, आगरा।  
Sdasnyuk, G. and Sengupta, 1968: Economic Regionalisation of India, Census of India Publication, New Delhi.  
Singh, G. 1998: A Geography of India, Atma Ram & Sons, Delhi, Sixth Edition  
Singh, R. L. (ed.) 1971: India: A Regional Geography. NGSI, Varanasi.  
Spence, G. J. K. and Learmonth, A. T. A. 1967: India and Pakistan, Land, People and Economy, Methuen and Co., London.  
Tiruba, K. 2000: Geography of India, Rawat Publications, Jaipur 2<sup>nd</sup> Edition (India)  
विद्यार, आर.सी. 2012: भारत का भूगोल। प्रयाग पुस्तक भवन, इलाहाबाद।

### Practicals

#### Scheme of Examination

Min. Pass Marks: 18

Max. Marks: 50

Written test

Bifurcation of Marks

Time

Field survey and viva voce

24

3 hrs

Record and viva voce

10+04

2 1/2 hrs

08+04

  
Dy. Registrar  
(Academic)

University of Rajasthan  
JAIPUR

- N.B. 1. There shall be 6 questions in written paper selecting at least two questions from each section. Candidates are required to attempt 3 questions selecting 1 question from each section. All questions carry equal marks.

## SYLLABUS

### Section A

Definition, classification, uses and characteristic of map projection: (graphical constructions).

Conical projections:

1. with the one standard parallel
2. with two standard parallels
3. Bonne's
4. Polyconic

Cylindrical projections:

1. Equidistant
2. Equal Area
3. Mercator's, Universal Transverse Mercator (UTM)
4. Gall's Stereographic

### Section B

Zenithal Projections: (Only Polar Case)

1. Equidistant
2. Equal Area
3. Gnomonic
4. Stereographic
5. Orthographic

Three dimensional diagrams: sphere, block pile, cube.

### Section C

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

Height calculation using Indian pattern clinometer.

Recommended Readings:

- चीहान, पी.आर. 2005: प्रायोगिक भूगोल। वसुन्धरा प्रकाशन, गोरखपुर।
- Raisz, F. 1962: General Cartography. John Wiley and Sons, New York. 5<sup>th</sup> edition
- Rampal, K.K. 1993: Mapping and Conflation: Methods and Techniques Concept Publishing Company, New Delhi (Reprint 2009)
- Robinson, A.H. et al. 2004. Elements of Cartography. John Wiley & Sons, Inc., New York (Sixth Edition)
- Singh, L.R. 2006: Practical Geography. Prayag Pustak Publisher, Allahabad U.P.
- Singh, R.L. and Singh, R.P. 1991: Elements of Practical Geography. Kalyani Publishers, New Delhi (Reprint 2002)

सर्वाधिकार सुरक्षित। प्रकाशक की जवाबदारी।