

PG-209

MGEO-21

M.Sc. DEGREE EXAMINATION —
JUNE, 2018.

Second Year

Geography

GEOGRAPHY OF INDIA

Time : 3 hours

Maximum marks : 75

PART A — (3 × 5 = 15 marks)

Answer any THREE questions.

All questions carry equal marks.

1. Explain the structural characteristics of plateau.
2. Brief on distribution of black soils in India and their specific use for agriculture.
3. Explain how modernization of Indian agriculture is affected by unfavourable institutional factors with suitable examples.
4. Mention the problems in realization of benefits of globalization and liberalization in Industrial Sector of India.
5. Explain with suitable examples the role of road transport in agricultural development in India.

PART B — (4 × 15 = 60 marks)

Answer any FOUR questions.

All questions carry equal marks.

6. Enumerate the basic indicators of development and explain their application in identification of the spatial diversity in development in India.
7. Discuss the role of spatial pattern of rainfall and temperature in the delimitation of climatic regions of India especially with reference to Stamp's climatic regionalization.
8. Explain the method of delineating crop-association regions with reference to India.
9. Define Irrigation? and analyse the distribution and types of irrigation used in Indian Agriculture.
10. Describe the distributional pattern and production of Energy resources in India.
11. Reduction in regional disparities has been one of the priority goals of national planning in India. How the proposed new smart urban centres may contribute to the process.
12. Analyse the distribution of population in India in the perspective of natural resources and identify the over-populated and under-populated regions in the country.

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MGEO-22

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Geography

WORLD ECONOMIC GEOGRAPHY

Time : 3 hours

Maximum marks : 75

PART A — (3 × 5 = 15 marks)

Answer any THREE questions.

All questions carry equal marks.

1. Give an account on development of economic geography.
2. Mention the factors affecting for agriculture.
3. Describe the location and economic importance of minerals.
4. Brief on major inputs of manufacturing industries.
5. List the major trade blocs of the world.

PART B — (4 × 15 = 60 marks)

Answer any FOUR questions.

All questions carry equal marks.

6. Write an essay on nature, scope and significance of economic geography.
7. Classify the major economic activities and its importance in Geography.
8. Illustrate the Von Thunen's Agricultural land use model.
9. Examine the distribution and production of food crops.
10. Describe the distribution and production of fuel resources.
11. How industrial locational theories develop the major industrial regions of the world?
12. Define transportation and analyse the major transport development and its trade in globalization.

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MGEO-23

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Second Year

Geography

PRINCIPLES OF GEO-INFORMATICS

Time : 3 hours

Maximum marks : 75

PART A — (3 × 5 = 15 marks)

Answer any THREE questions.

All questions carry equal marks.

1. Define Remote Sensing. How it differs from photogrammetry.
2. What are the various forms of remotely collected data?
3. Classify data in GIS context and explain spatial data editing.
4. Name the important 3D models used for spatial analysis.
5. Explain the working of GPS in brief and its advantages over conventional surveying.

PART B — (4 × 15 = 60 marks)

Answer any FOUR questions.

All questions carry equal marks.

6. Write an essay on types and scope of remote sensing.
7. Describe the interaction of EMR with atmosphere and Earth's surface features.
8. Explain the scope, functions and components of GIS.
9. Analyse the Indian Remote Satellites resolution and scanning characteristics.
10. Define R 2 V ? Discuss the geographic data and types of DBMS.
11. Explain the method of data input and various methods of spatial analysis used in topographical studies.
12. Define GPS receivers, and Discuss the different application of GPS in geographical studies.