PG-212 **MGEO-21**

M.Sc. DEGREE EXAMINATION – JUNE 2019.

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. Mention the space relationship of India with neighbouring countries

2. How does natural vegetation affect the formation of in situ soils.

3. Define the role of institutional factors in shaping the pattern of Indian agriculture.

4. Identify the important resource regions of India and highlight their problems.

5. What do you understand by "Young India"? How can the present state of population composition are converted into an asset for the country.

PART B — (4 × 15 = 60 marks)

Answer any FOUR questions.

All Questions carry equal marks.

6. Describe the structure and relief features of Peninsular India.

7. Discuss the types and distribution of vegetation in India.

8. Describe the characteristics and distributional pattern of multipurpose river valley projects in India.

9. Analyse the Problems and prospectus of Indian Agriculture.

10. Describe the distributional pattern and production of mineral resources in India.

11. Analyse the role of India in the geo-politics of the Indian Ocean Region.

12. Discuss the causes and consequences of population migration in India.

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PG-213 **MGEO-22**

M.Sc. DEGREE EXAMINATION –
JUNE 2019.

Second Year

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. Write a note on tertiary and quaterary activities.

2. Define grazing and pastoralism.

3. Explain the distribution of gold and mica.

4. Give an account on development of ship-building industry.

5. Mention the major sea routes 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. Analyse the primary and secondary activities in economic geography.

8. Examine the factors affecting the world distributional pattern of agriculture.

9. Illustrate the uses of Von Thunen's Agricultural land use model.

10. Describe the distribution and production of iron ore and manganese minerals.

11. Discuss the development of industrial regions of the world and its uses in Weber's locational theories.

12. Describe the development and types of transport, and its major trade blocs of the world.

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PG–214 MGEO–23

M.Sc. DEGREE EXAMINATION –
JUNE, 2019.

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. What is Electromagnetic spectrum? Explain with a neat sketch.

2. Define the IRS, IKONOS, Quick Bird characteristics of sensors.

3. Give the details of vector data structure and mention its merits and demerits in comparison with raster data.

4. Explain the importance of coordinate transformation.

5. Define GPS and explain the various segments.

PART B — (4 × 15 = 60 marks)

Answer any FOUR questions.

All questions carry equal marks

6. Define Remote Sensing. Explain the types and scope of remote sensing.

7. Analyse the interaction of EMR with atmosphere and Earth's surface features.

8. Discuss the Indian Remote Sensing Satellites resolution and scanning characteristics.

9. Define platforms and explan the sensors and data products of remote sensing platforms.

10. Define GIS. Explain the scope, function, components of GIS and its uses in DBMS.

11. What do you mean by data input? Analyse the various methods used for spatial analysis.

12. Define GPS receivers and explain the application of GPS in geographical studies.

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