M.Sc. DEGREE EXAMINATION —
DECEMBER, 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. Name the types of mountains based on their mode of formation, and also describe the economic benefits of mountains.

2. Name four types of soils found in Penninsular India. State the characteristics of soil in vegetation.

3. Give an account on problems and prospects of agriculture.

4. Brief on global trends in industrial policies.

5. Write a note on India's relationship with international nations with special issues.

PART B — (4 × 15 = 60 marks)

Answer any FOUR questions.

All questions carry equal marks.

6. Discuss the physiographic divisions of India and its relationship with neighboring countries.

7. "Soil and Climate influence the types and distribution of natural vegetation" -Justify.

8. Explain the types and distribution of multipurpose projects in India.

9. Analyse the area and distribution of natural resources.

10. Describe the types of major industrial regions and its policies of liberalization.

11. Analyse the development of transport in India with foreign trade.

12. Explain the growth, distribution of population and its impact of migration.

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M.Sc. DEGREE EXAMINATION – DECEMBER 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 scope and significance of economic geography.

2. Brief on factors affecting grazing and pastoralism.

3. Give an account on mineral distribution of iron ore and copper.

4. Brief on locational factors of textile industry.

5. Mention the major trade blocs of the world.

PART B — (4 × 15 = 60 marks)

Answer any FOUR questions.

All questions carry equal marks.

6.   Define economic activities. And classify the economic activities with suitable examples.

7.   "Von Thunen' s location theory or model states that if environmental variables are held constant". Discuss.

8.   Describe the distribution and production of food crops

9.   "Mineral resources are amongst the most important natural resources that dictate the Industrial and economic development of a country" Discuss.

10. "Adequate supplies of fuel resources are essential for energy equipment, manufacturing and agriculture for sustainable development of a modern economy" Analyse.

11. "Least cost principle" discuss the approaches of Weber's and Losch's theory.

12.   Discuss the types of transportation development in trade.

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M.Sc. DEGREE EXAMINATION — DECEMBER, 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.   Define the scope and principles of remote sensing

2.   Write a note on uses of satellite data products.

3.   Differentiate Raster and Vector.

4.   List the 3D models used in GIS query.

5.   Brief on measurement and processing of GPS data.

PART B — (4 × 15 = 60 marks)

Answer any FOUR questions.

All question carry equal marks.

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

7. Explain the types and stages in remote sensing in data acquisition.

8. Discuss the types and significance of sensors and platforms.

9. Explain the resolution and characteristic of Indian Remote Sensing Satellites.

10. Define the scope of GIS. And explain the role of DBMS in geographic data.

11. Illustrate the methods of data inputs and brief on various types of spatial analysis.

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

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