

PG-535

MGEO-11

**M.Sc. DEGREE EXAMINATION —
DECEMBER, 2019.**

First Year

Geography

BASIC PRINCIPLES OF EARTH SYSTEM

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 fold and fault.
2. Explain the erosional features of running water.
3. Write a note on origin and characteristics of monsoon.
4. Brief on origin and types of air masses and fronts.
5. Explain the impact of sea level changes.

PART B — (4 × 15 = 60 marks)

Answer any FOUR questions.

All questions carry equal marks.

6. Write an essay on types and distribution of endogenic and exogenic process.
7. Analyse the impact of gradational process and its resultant topography of desert region.
8. Critically analyse the Davis and Penck's view of cycle of erosion.
9. Describe the composition and structure of the atmosphere.
10. Explain the origin and characteristics of temperate and tropical cyclone.
11. Define precipitation? Explain the formation and types of precipitation.
12. Describe the origin and bottom relief of ocean basins.

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MGEO-12

**M.Sc. DEGREE EXAMINATION —
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First Year

Geography

HUMAN AND SETTLEMENT 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 economic characteristics of population.
2. Define Over population and Optimum population.
3. Write a note on future trends of population.
4. Brief on origin and types of rural settlements.
5. Explain the classification of towns and cities.

PART B — (4 × 15 = 60 marks)

Answer any FOUR questions

All questions carry equal marks

6. Write an essay on nature, scope and branches of population geography.
7. Analyse the causes and theory of migration.
8. Critically analyse the Distribution and growth of world population.
9. Describe the views of Malthus theory of population growth.
10. Explain the problems and issues of population in developing and developed countries.
11. Analyse the Von Thunen and Christaller land use model.
12. Describe the urban and rural settlement with reference to Indian cities.

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MGEO-13

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First Year

Geography

ENVIRONMENTAL 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 meaning and concept of ecology.
2. Explain the ecological regions of India.
3. Write a note on factors and causes of environmental degradation.
4. Brief on nature and composition of biosphere.
5. Explain the factors affecting for plant growth.

PART B — (4 × 15 = 60 marks)

Answer any FOUR questions.

All questions carry equal marks.

6. Write an essay on nature and scope of environmental geography.
7. Analyse the nature of environment and ecology.
8. Critically analyse the classification and composition of ecosystem.
9. Discuss the EIA in environmental pollution.
10. Explain the development and composition of man's role in changing biosphere.
11. Analyse the plant growth and classification of biomes.
12. Describe the causes and management of extinction species in India.

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MGEO-14

M.Sc. DEGREE EXAMINATION –
DECEMBER 2019.

First Year

Geography

GEOGRAPHICAL THOUGHT

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 man nature relationship.
2. Explain the Geographical contributions of Indian geographers.
3. Write a note on development of Systematic Vs Regional Geography.
4. Brief on cause and function of ecological systems.
5. Bring out the interdisciplinary research in GIS studies.

PART B — (4 × 15 = 60 marks)

Answer any FOUR questions.

All Questions carry equal marks.

6. Write an essay on Geography its place in the classification of sciences.
 7. Discuss the Contribution of American School in Geography.
 8. Compare the German and French contribution in human geography.
 9. Discuss the development of determinism Vs possibilism, Physical Vs Human dualism in geography.
 10. Explain the functions and types of scientific explanations in geography.
 11. Analyse the growth of recent trends in Geography.
 12. Describe the importance of GIS system in research.
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