

P.G. DEGREE EXAMINATION - JUNE 2021

GEOGRAPHY

FIRST YEAR

BASIC PRINCIPLES OF EARTH SYSTEM

Time: 3 Hours

Maximum Marks: 75

SECTION - A

(5 x 5 = 25 Marks)

Answer ALL questions. All questions carry equal marks.

1. Define weathering and mass wasting.
2. Explain the formation of hydrological cycle.
3. Define Jut stream theory regarding the origin of the Monsoon.
4. Give an account on climate change and global warming.
5. Write a note on tides and ocean currents.

SECTION - B

(5 x 10 = 50 Marks)

Answer any FIVE questions. All questions carry equal marks.

6. Write an essay origin and internal structure of the earth.
7. Define the term rock. Classify rocks according to their mode of formation.
8. Describe briefly the work of wind as an agent of erosion, transportation and deposition.
9. Differentiate W.M. Davis and Penck view of cycle of erosion.
10. Describe the composition and structure of the atmosphere.
11. Analyse the characteristics of Koppen's and Thornthwaite's climatic classification.
12. Give an account of the ocean deposits and coral formation.

P.G. DEGREE EXAMINATION – JUNE 2021**GEOGRAPHY****FIRST YEAR****BASIC PRINCIPLES OF EARTH SYSTEM****Time: 3 Hours****Maximum Marks: 70****PART - A****(5 x 2 = 10 Marks)****Answer ALL the questions.****Write a short note on the following.**

1. Define Fold and Fault
2. Hydrological cycle
3. Define Jet streams OR Doldrums
4. Humidity and condensation
5. Coral reefs

PART - B**(4 x 5 = 20 Marks)****Answer any FOUR questions.**

6. Explain the Volcanism.
7. Give a brief note on Mass wasting.
8. Describe about the Heat budget of the Earth
9. Give a brief note on Stability of the atmosphere
10. Write a short note on Ocean currents.
11. Write about the Bottom and relief of Indian Ocean.
12. Give a short note on W.M. Davis Views of evolution of coastal land forms.

PART – C

(4 x 10 = 40 Marks)

Answer any FOUR questions.

13. Explain in detail account on types of Soils.
14. Write an essay on Normal cycle of Erosion
15. Elucidate about the Atmospheric pressure and General circulation of winds
16. Give a detail account on Thornthwaite's world climatic classification.
17. Write about the Bottom relief of Pacific Ocean
18. Describe about the Tides and currents in the Ocean.
19. Explain about the uses of ocean Minerals wealth

P.G. DEGREE EXAMINATION - JUNE 2021**GEOGRAPHY****FIRST YEAR****HUMAN AND SETTLEMENT GEOGRAPHY****Time: 3 Hours****Maximum Marks: 75****PART - A****(3 x 5 = 15 Marks)****Answer any THREE questions.**

1. Give an account on the economic characteristics of population.
2. Define the terms under population, over population and optimum population.
3. Explain the demographic transition model.
4. How does climate as a factor help in the location settlement?
5. Define Urbanization.

PART - B**(4 x 15 = 60 Marks)****Answer any FOUR questions.**

6. Explain the branches of study involved in population geography.
7. Analyse the problems faced due to over population.
8. Elaborate on the views of socialist writers on population.
9. Discuss the Christaller model of settlement.
10. Describe the problems faced by Indian villages and towns.
11. Explain how the population is distributed in the under developed countries.
12. Explain the different types and patterns of rural settlement.

P.G. DEGREE EXAMINATION - JUNE 2021
GEOGRAPHY
FIRST YEAR
HUMAN AND SETTLEMENT GEOGRAPHY

Time: 3 Hours

Maximum Marks: 70

PART - A

(5 x 2 = 10 Marks)

Answer ALL questions

1. Population composition
2. Under Population
3. Optimum Population Theory
4. Settlement Geography
5. Urbanisation

PART - B

(4 x 5 = 20 Marks)

Answer any FOUR questions

6. Describe the problems of the growth of the population
7. Give an account of types of rural settlement
8. Analyze the land use regarding urban growth
9. Bring out the impact of internal migration in India
10. Write a note on the problems of Indian villages
11. Give an account on the economic characteristics of population
12. Explain the demographic transition model

PART - C

(4 x 10 = 40 Marks)

Answer any FOUR questions

13. Explain the branches of study involved in population geography
14. Discuss the views of Malthus's theory in population growth
15. Analyse the significance of Von Thunen's theory in the land-use model
16. Describe the problems and issues of the population in developed and developing countries.
17. Discuss the types and classification of towns and cities.
18. Describe the problems faced by Indian villages and towns
19. Explain how the population is distributed in the under developed countries.

P.G. DEGREE EXAMINATION – JUNE 2021**GEOGRAPHY****FIRST YEAR****ENVIRONMENTAL GEOGRAPHY****Time: 3 Hours****Maximum Marks: 70****PART - A****(5 x 2 = 10 Marks)****Answer ALL the questions.****Write a short note on the following.**

1. Ecology
2. Energy flow
3. Land slides
4. Biosphere
5. Tundra

PART - B**(4 x 5 = 20 Marks)****Answer any FOUR questions.**

6. Mention the fundamental concepts of Environmental Geography.
7. Classify Eco system and write down its components.
8. List down and explain the factors causing the Water pollution.
9. Give an account on the functions of Bio geography.
10. Briefly write a short note on the factors affecting the plant growth.
11. Explain the Grasslands of the world.
12. Define Environment and write the structure and type of Environment.

PART – C

(4 x 10 = 40 Marks)

Answer any FOUR questions.

13. Elaborate on Environmental Geography.
14. Write an essay on Ecosystem.
15. Discuss in detail about the Emerging environmental issues in India.
16. Explain the Man's role in changing Biosphere.
17. Enumerate on Zoo geographical regions of World.
18. Describe the Environmental management and conservation methods.
19. Elaborate on World Biomes.

P.G. DEGREE EXAMINATION - JUNE 2021**GEOGRAPHY****SECOND YEAR****GEOGRAPHY OF INDIA****Time: 3 Hours****Maximum Marks: 75****SECTION - A****(3 x 5 = 15 Marks)****Answer any THREE questions.**

1. Describe the space relationship of India with neighboring countries.
2. Briefly Explain on the Climate regions of India.
3. What are the salient features of Agriculture in India?
4. Write a short account on the distribution of coal in India.
5. Describe the Road Transportation of India.

SECTION - B**(4 x 15 = 60 Marks)****Answer any FOUR questions.**

6. Write a detail account on the Physiographic divisions of India.
7. Discuss the types and distribution of soil in India.
8. Elaborate about the major Agricultural regions of India.
9. Describe in detail about the major Mineral resources of India.
10. Write a detail account on the growth and distribution of population in India.
11. Elaborate the rivers and its significance in India.
12. Discuss the Industrial problems and Industrial policies in India.

P.G. DEGREE EXAMINATION - JUNE 2021**GEOGRAPHY****SECOND YEAR****WORLD ECONOMIC GEOGRAPHY****Time: 3 Hours****Maximum Marks: 75****PART - A****(5 x 5 = 25 Marks)****Answer ALL questions.**

1. Brief on salient features of economic activity.
2. Write a note on forestry and fishing.
3. Examine the economic significance of fuel minerals.
4. Explain the locational factors of ship building and auto mobile industries.
5. Give an account on major trade block of the world.

PART - B**(5 x 10 = 50 Marks)****Answer any FIVE questions.**

6. Write an essay on nature, scope and significance of economic geography.
7. Assess the agriculture pattern and discuss the Von Thunen's Agriculture model.
8. Analyse the distribution, production and factors affecting, wheat and rice.
9. Discuss the world distribution and production of coal and petroleum.
10. Define industrial regions and analyse the Weber's and Losch's locational theories.
11. Explain the inputs of iron and steel industries in the world.
12. Analyse the transportation and traffic model of development.

P.G. DEGREE EXAMINATION - JUNE 2021
GEOGRAPHY
SECOND YEAR
PRINCIPLES OF GEO - INFORMATICS

Time: 3 Hours

Maximum Marks: 75

PART - A

(5 x 5 = 25 Marks)

Answer ALL questions.

1. Define remote sensing and mention the stages of acquire data.
2. Write a note on resolution and scanning characteristic of Indian Remote Sensing.
3. Differentiate raster and vector data model
4. In GIS how to represent the various 3D model.
5. In what way GPS function how it can be used in proximity analysis.

PART - B

(5 x 10 = 50 Marks)

Answer any FIVE questions.

6. Discuss the interaction of EMR with atmosphere and Earth's surface features.
7. Write an essay on scope and principles of remote sensing.
8. Analyse the platforms, sensors and data products of remote sensing.
9. Define GIS and explain the scope and functional requirements of GIS.
10. Discuss the DBMS and data structure in geo graphic data.
11. Analyse the various inputs, and 3D models of GIS.
12. Define GPS segments? And explain the application of GPS in geo graphical Studies.