PG-CS–1149   MGEOS-31

P.G. DEGREE EXAMINATION — FEBRUARY 2023.

Geography

Third Semester

GEOGRAPHICAL THOUGHT

Time : 3 hours   Maximum marks : 70

PART A — (5 × 5 = 25 marks)

Answer any THREE questions in 100 words.

1. Write a brief note on the branches of geography.

2. Differentiate between quantitative Vs qualitative.

3. Elucidate the geographical thought by Herbertson.

4. Give a brief note on sustainable development goals (SDG).

5. Write a note on geoinformatics.

6. Explain the role of Arab's in the field of geography.

7. Explain the Inductive and deductive approaches.

8. Describe the Impacts of exploration in geographical development.

PART B — (3 × 15 = 45 marks)

Answer any THREE questions in 1000 words.

9. Enumerate the development of geographical thought during the classical period.

10. Explain dualism in geographical study.

11. Appraise any two major geographical thought by Indian geographers.

12. Elucidate the quantitative revolution in Interpretation, Description and Explanation.

13. Write a detail note on earth sciences.

————————

P.G. DEGREE EXAMINATION – FEBRUARY 2023.

Geography

Third Semester

REGIONAL PLANNING

Time : 3 hours   Maximum marks : 70

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE questions in 300 words

1. Explain the concept of regional imbalance and disparity?

2. Write a note on the theory of regional planning?

3. Elucidate the problems faced in hilly regions?

4. Give a brief note on diffusion model?

5. Describe Municipality Act?

6. Explain the goodness of river valley regions?

7. Explain the sectoral planning concept?

8. Describe the backward area development plan?

SECTION B — (3 × 15 = 45 marks)

Answer any THREE questions in 1000 words.

9. Enumerate the classification of regions?

10. Explain the concept of regional hierarchy?

11. Appraise the levels of socio-economic development?

12. Elucidate the growth pole theory?

13. Write a detail note on the town and country planning act of Tamil Nadu?

————————

P.G. DEGREE EXAMINATION – FEBRUARY 2023.

Geography

Third Semester

GEOGRAPHY OF RESOURCES

Time : 3 hours   Maximum marks : 70

SECTION A — (5 × 5 = 25 marks)

Answer any FIVE questions in 300 words

1. Explain the community based protection on resources?

2. Write a note the pressure of resources?

3. Elucidate on land resources?

4. Give a brief note on limestone distribution?

5. Describe the conservation on management?

6. Explain geospatial technology?

7.   Explain the resources of India?

8.   Describe the non-conventional energy resources?

SECTION B — (3 × 15 = 45 marks)

Answer any THREE questions in 1000 words.

9.   Write a detail note on the natural resources?

10.   What are the steps to be taken for conservation of natural resources? Explain in detail?

11.   Explain the distribution and utilization of forest and energy resources?

12.   Elucidate the metallic mineral resources of the world?

13.   Write a detail note on the applications of Geospatial Technology in natural resources management?

————————

P.G. DEGREE EXAMINATION - FEBRUARY, 2023

Geography

Third Semester

GEOGRAPHICAL INFORMATION SYSTEM

Time : 3 hours   Maximum marks : 70

SECTION A — (5 × 5 = 25 marks)
Answer any FIVE questions in 300 words.

1.   Explain components of GIS?

2.   Write a note on three dimensional models?

3.   Elucidate on data retrieval through boolean logic?

4.   Give a brief note on the classification of GIS?

5.   Describe decision making processes in geological technology?

6.   Explain multivariate analysis?

7.   Differentiate between vector and raster?

8.   Describe data analytics?

SECTION B — (3 × 15 = 45 marks)

Answer any THREE questions in 1000 words.

9. Write a detail note on data conversion?

10. Explain the principles of interpolation in detail.

11. Explain overlay analysis.

12. Elucidate artificial intelligence.

13. Write a detail note the applications of GIS in mobile applications?

—————————

P.G. DEGREE EXAMINATION - FEBRUARY, 2023

Geography

Third Semester

WATERSHED MANAGEMENT

Time : 3 hours   Maximum marks : 70

SECTION A — (5 × 5 = 25 marks)
Answer any FIVE questions in 300 words.

1. Explain the concept of watershed management?

2. Write a note on the components of watershed?

3. Elucidate the functions of watershed?

4. Give a brief note on soil resource evaluation?

5. Describe the different tools employed in PRA?

6. Explain the importance of land use planning in watershed development?

7. Write a brief note on slope analysis?

8. Describe women empowerment?

SECTION B — (3 × 15 = 45 marks)

Answer any THREE questions in 1000 words.

9. Write a detail note on watershed management?

10. Explain the structure of watershed in detail?

11. Explain land and water conservation practices?

12. Elucidate the morphological characteristic of watershed?

13. Write a detail note about the biophysical characteristics of watershed management?

———————