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B.Sc./5th Sem (H)/GEOH/22(CBCS)

2022

5th Semester Examination
GEOGRAPHY (Honours)

Paper : DSE 2-T

[CBCS]

Full Marks : 60

Time : Three Hours

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

[Resource Geography]

Group - A

Answer any *ten* of the following questions :

2×10=20

1. Give an example of ubiquitous resource.
2. What is OTEC?
3. Define the concept of "Limits to Growth".
4. Name the state which is well endowed with solar and wind energy.
5. Why is Brundtland Commission famous for?
6. What is Agenda 21?
7. Name two states which have large reserve of mica.

P.T.O.

(2)

8. What are the uses of gypsum?
9. What are the main uses of bauxite?
10. What is geo-thermal energy?
11. What are the limitations of nuclear energy?
12. Identify two ways in which water resource is depleted.
13. What is natural resources?
14. Name two uses of copper.
15. Name two types of iron ore.

Group - B

Answer any *four* of the following questions : $5 \times 4 = 20$

16. Compare and contrast the conventional and non-conventional resources.
17. Distinguish between Economic growth and development.
18. Bring out the essence of Community-based adaptive approach to Resource Utilisation.
19. Identify some of the problems related to forest resource depletion.
20. Give a brief insight to the future scenario of energy crisis.
21. Discuss the main objectives of sustainable development.

(3)

Group - C

Answer any *two* of the following questions :

$10 \times 2 = 20$

22. Discuss the importance of classification of resources. Distinguish between Flow resources and Interrupted Flow resources. 6+4
23. What is resource conservation? Discuss its needs and ways. 2+4+4
24. What do you mean by the concept of Resource sharing and what are the main objectives behind resource sharing? 5+5
25. Give a brief description of distribution of iron-ore in India. 10

P.T.O.

(4)

OR

[Fluvial Geomorphology]

Group - A

Answer any *ten* of the following questions :
2×10=20

1. Define run-off cycle.
2. What is badland topography?
3. What does hypsometric integral indicate?
4. What is bifurcation ratio?
5. Define elongation ratio.
6. What are the linear aspects of a drainage basin?
7. What is the importance of dissection index?
8. What does ruggedness index indicate?
9. Define alluvial fan.
10. Define local base level of erosion with example.
11. What is meant by river degradation?
12. What is eustatic change of sea-level?
13. Distinguish between paired and non-paired terraces.
14. What are the man-made causes of river bank erosion?
15. Distinguish between simple meander and incised meander.

(5)

Group - B

Answer any *four* of the following questions : 5×4=20

16. Discuss the significance of river basin as a hydrological unit.
17. Explain the role of different factors to control the run-off.
18. Discuss how fluvial systems are affected by human interferences.
19. How the areal aspects of a drainage basin help to understand its nature and characteristics?
20. Explain the major consequences of river-bank erosion in West Bengal.
21. What are the major characteristics of tropical rivers?

Group - C

Answer any *two* of the following questions :
10×2=20

22. Explain various approaches used in geomorphological study.
23. Elucidate the mechanisms of development of channel network in an area.
24. Explain the processes of development of different types of terraces by fluvial action.
25. Briefly discuss about the major principles and methods of integrated watershed management.

P.T.O.

(6)

OR

[Social Geography]

Group - A

Answer any *ten* of the following questions :

2×10=20

1. Define "social region".
2. Define "social process".
3. What is social ecology?
4. What is Human Development Index?
5. What is the benefit of a gated community?
6. What is slum upgrading?
7. Mention two associative social process.
8. What is meant by social stratification?
9. What are the major health policies of India?
10. Name two social inclusion policies of India.
11. Mention two pull factors for migration.
12. What is social exclusion policy?
13. What are the determinants of social well-being?
14. What is social capilarity?
15. What is inclusive development?

(7)

Group - B

Answer any *four* of the following questions : 5×4=20

16. Divide the world into different cultural realms and point out the key features of any one of them.
17. Distinguish between the subjective and objective view of social well-being.
18. What are the domains of social exclusion and causes for exclusion?
19. Distinguish between gender equity and equality.
20. What is the role of social behaviour in social well-being?
21. Discuss one of the pressing social environmental issue of India.

Group - C

Answer any *two* of the following questions :

10×2=20

22. Trace the evolution of social geography. State the importance of scale in defining social space. 5+5
23. Describe the different racial groups with their basic characteristics in India. 10
24. What is Social Impact Assessment (SIA)? Discuss its need and significance. 10
25. Describe in brief the major social policies in India. What are its evolving causes and effects? 6+4