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B.Sc./5th Sem (H)/GEOG/23(CBCS)

2023

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. Define resource.
2. Which city is known as 'Copper City of Madhyapradesh' and why?
3. What are the uses of mica?
4. What is 'solar city concept'?
5. What is offshore wind energy?

P.T.O.

(2)



6. What is 'neutral staff'?
7. What do you mean by 'phantom pile'?
8. Differentiate potential resource from developed resource with proper example.
9. Give the concept of resource sharing.
10. Distinguish between the Gondwana's and Tertiary's coals.
11. Define sustainable development.
12. Write four factors which determine resource development in a region.
13. What is High Carbon energy transition?
14. What is supply side constraints?
15. What is 'Zero economic growth'?

Group - B

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

16. Discuss the main causes of water resource depletion.
17. Why the contribution of Club of Rome is considered so important in the context of resource studies?
18. Highlight the global distribution of Hematite and Magnetite iron ore with suitable graphics.
19. Describe why resource is considered as the backbone of economic growth and development.

V-5/36 - 2500

(3)



20. Resource planning is essentials for sustainable existence. — Justify the statement.
21. How politics arises on power resource?

Group - C

Answer any *two* of the following questions :

$10 \times 2 = 20$

22. Give a brief description of distribution of bauxite producing areas in India. Why does bauxite mining face protest in India? 7+3
23. Describe the geo-political complexity of the Middle-East relating petroleum power resource.
24. Classify the natural resource with examples.
25. Explain the causes of contemporary energy crisis with future scenario.

V-5/36 - 2500

P.T.O.



(4)

OR

[Fluvial Geomorphology]

Group - A

Answer any *ten* of the following questions :

2×10=20

1. What is paleochannel?
2. What is basin lag time?
3. What does hypsometric integral indicate?
4. What is hydraulic gradient?
5. Define overland flow with example.
6. Define alluvial cone.
7. What is meant by graded river?
8. Distinguish between ingrown and entrenched meanders.
9. Define base level of erosion.
10. Define badland topography.
11. Define run-off cycle.
12. What is river degradation?
13. Define stream-length ratio.
14. What is stream sinuosity index?
15. What is eustatic change of sea-level?

V-5/36 - 2500

(5)

Group - B

Answer any *four* of the following questions :

5×4=20

16. Explain the significance of river basin as a hydrological unit.
17. Discuss about the major causes and mechanism of river bank erosion in West Bengal.
18. Explain the fundamental stream classification system as proposed by Rosgen.
19. Distinguish between paired and non-paired terraces with sketches.
20. Briefly discuss about the major principles of integrated watershed management.
21. Elucidate the major characteristics of tropical rivers.

Group - C

Answer any *two* of the following questions :

10×2=20

22. How the linear, areal and relief aspects of a drainage basin help to understand its nature and characteristics?
23. Explain the various approaches used in fluvial Geomorphological study.

V-5/36 - 2500



P.T.O.

(6)

24. Elucidate the mechanisms of development of channel network in an area.

25. Briefly discuss about different controlling factors of runoff.



(7)

OR

[Social Geography]

Group - A

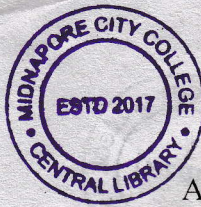


Answer any *ten* of the following questions :

2×10=20

1. What is acculturation?
2. Distinguish between ethnicity and race.
3. Mention two dissociative social processes.
4. What is meant by social stratification?
5. What is cultural lag?
6. Define the concept of Gender Disparity.
7. What is cultural segregation?
8. Name two propounders of Social Geography.
9. Define crime.
10. What is cultural pluralism?
11. Mention the significance of technology on culture.
12. What is 'Proto-Language'?
13. What is Ethnocentrism?
14. Mention the characteristics of Gated Communities.
15. Write a short note on GEM.

P.T.O.



(8)

Group - B

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

16. Briefly discuss one social policy on health in India.
17. Discuss the basis of social region formations in India.
18. Elucidate the factors of social exclusion in developed countries.
19. Enumerate the processes of cultural diffusion.
20. Discuss the scope of social policy.
21. Critically discuss on the contemporary social environmental issue of India.

Group - C

Answer any *two* of the following questions :

$10 \times 2 = 20$

22. Elucidate the necessity and relevance of social welfare for the well-being of the society. 10
23. Trace the evolution of social geography. State the importance of scale in defining social space. 5+5
24. Bring out the salient features of Social Planning in India during the plan periods. 10
25. What is Social Impact Assessment? Discuss its need and significance. 10