

2023

5th Semester Examination
GEOGRAPHY (Honours)

Paper : DSE 1-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.*

[Hydrology and Oceanography]

Group - A

Answer any *ten* of the following questions :

2×10=20

1. Distinguish between infiltration and percolation.
2. What is watershed management?
3. Distinguish between continental shelf and continental slope.
4. Define Darcy's law of ground water movement.
5. Define Exclusive Economic Zone.
6. Mark the difference between photic and aphotic zone.
7. Define fetch.

P.T.O.

8. Distinguish between swash and backwash.
9. Write the significance of evapotranspiration.
10. Distinguish between MOR and Deep Oceanic Trench as the major landforms on the sea floor.
11. What is 'Ooze'?
12. What is 'atoll'?
13. Distinguish between neap tide and spring tide.
14. Give the concept of 'thermocline'.
15. Distinguish between aquifer and aquifuge.

Group - B

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

16. Explain the significance of global hydrological cycle.
17. Elucidate the main features of deep sea plain.
18. Explain the significance of T-S diagram.
19. Write a brief note on the principles and techniques of rainwater harvesting.
20. Write the essence of sustainable utilisation of marine resources.
21. Schematically represent the structural and functional dimensions of a run off cycle.

Group - C

Answer any *two* of the following questions :

10×2=20

22. River basin is considered as a hydrological unit. —
Explain with suitable illustration. 10
 23. Explain the methods of measurement of
evapotranspiration by mentioning their limitations. 10
 24. Highlight the major types of coral reefs and describe the
contemporary threats to the significant coral landscape
and its sustainability. 4+6
 25. Systematically establish the linkage among ground water
recharge, discharge and storage through the sustained
water movement. 10
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P.T.O.

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OR

[Geography of Health and Wellbeing]

Group - A

Answer any *ten* of the following questions :

2×10=20

1. What is Environmental Health?
2. What do you mean by Chronic diseases?
3. Differentiate between Health Geography & Medical Geography.
4. What is meant by Disease Cycle?
5. What are the health effects associated with poor indoor air quality?
6. What is 'Health for All'?
7. How health is related to Geography?
8. What are the types of household waste?
9. What is the role of WHO in national health programme?
10. How can lifestyle diseases be prevented?
11. What is Disease Ecology?
12. Mention the effect of poverty on health.

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13. What is meant by Epidemiology?
14. Differentiate between malnutrition and undernutrition.
15. What is Life Expectancy?

Group - B

Answer any *four* of the following questions :

5×4=20

16. Discuss about the social determinants of health.
17. Explain Endemic, Epidemic and Pandemic with suitable examples.
18. What are the principles of Health Services by WHO?
19. Mention the ways to tackle occupational hazard in the health sector.
20. Explain the relation between Health and Nutrition.
21. How Health is related to migration of people?

Group - C

Answer any *two* of the following questions :

10×2=20

22. Explain the scope of Health Geography.

P.T.O.

23. Discuss the health risk associated with climate change.
 24. Analyze the factors affecting the human health.
 25. Discuss the present pattern of disease in India.
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OR

[Cultural and Settlement Geography]

Group - A

Answer any *ten* of the following questions :

2×10=20

1. What do you mean by lingua franca?
2. Define ethnicity.
3. What do you mean by cultural realm?
4. What is nucleated settlement?
5. What do you mean by metropolitan district?
6. What is planned city?
7. What do you mean by cultural Hearth?
8. Define acculturation.
9. How does language differ from dialect?
10. What is a census town?
11. What do you mean by Ghetto?
12. What is a commuter zone?
13. What do you mean by site and situation?
14. What is CBD?
15. Mention the characteristics of rural-urban fringe.

P.T.O.

Group - B

Answer any *four* of the following questions :

5×4=20

16. Analyse the significance of the cultural heritage for a culture group.
17. Discuss the causes and consequences of cultural segregation.
18. How does a rural settlement differ from an urban settlement as per the Indian Census?
19. Classify the racial groups of India after Risley.
20. What are the major factors affecting the settlement pattern?
21. Briefly discuss the concept of city region.

Group - C

Answer any *two* of the following questions :

10×2=20

22. Discuss the nature and scope of Cultural Geography.
 23. Give a brief account of the characteristics and distribution of the major racial groups of the world.
 24. Critically examine the multiple nuclei model, proposed by Harris and Ullman, in the context of present urban morphology.
 25. Classify Indian cities on the basis of functional property with examples.
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