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UG/5th Sem/Geo(H)/T/19

2019

B.Sc. (Honours)

5th Semester Examination

GEOGRAPHY

Paper - DSE-1T

Full Marks : 60

Time : 3 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 & Oceanography]

Group - A

Answer any *ten* questions from the following.

10×2=20

1. What is aquitard ? 2
2. What is 'aquifer' ? 2
3. What is meant by evapotranspiration ? 2

[Turn Over]

(2)

4. Define pycnocline. 2
5. Mention two measures of infiltration. 2
6. What is atoll ? 2
7. Differentiate gayot and seamount. 2
8. What is amphidromal point ? 2
9. What is EEZ ? 2
10. What is T. S. diagram ? 2
11. What are the properties of a wave ? 2
12. What factors are responsible for salinity of ocean water ? 2
13. What is oceanic ridge ? 2
14. What is oceanic trench ? 2
15. Distinguish between drainage basin and river valley. 2

(3)

Group - B

Answer any *four* questions. $4 \times 5 = 20$

16. Explain the controlling factors of surface runoff. 5
17. Mention the controlling factors of ground water recharge. 5
18. Discuss the different principles of (roof-top) water Harvesting. 5
19. What do you mean by ocean circulation ? 5
20. Explain the different mechanism and causes of sea level change.
21. Classify the tides with their characteristics. 5

Group - C

Answer any *two* question. $10 \times 2 = 20$

22. Make a comparison between subsidence theory and stationary theory of coral reef formation. 10

[Turn Over]

(4)

23. Discuss the factors of genesis of ocean currents. 10
24. Classify marine resources and mention their economic importance. 6+4
25. Discuss the different methods and importance of rain water harvesting. 6+4
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(5)

[Geography of Health & Wellbeing]

Group - A

Answer any *ten* questions from the following.

10×2=20

1. Mention the modern trends of 'Geography of health'.
2. What do you mean by 'wellbeing' ?
3. What is 'inequality' ?
4. What is 'natural immunity' ?
5. What do you mean by 'morbidity' ?
6. Mention two names of lifestyle related disease.
7. Identify two major functions of W.H.O.
8. What is 'malnutrition' ?
9. How does exposure to household wastes cause health risk ?

[Turn Over]

(6)

10. Mention the name of two biological agents of disease.
11. Identify the scope of 'Geography of Health'.
12. What is 'droplet infection' ?
13. Write the bacteria's name of Pneumonia.
14. Mention the health problems due to climate change.
15. Name some seasonal diseases.

Group - B

Answer any *four* questions. 4×5=20

16. "Geography of Health is a shift towards social model in health care, rather than a medical model." — Elucidate the statement.
17. State the indicators of health with proper example.
18. Discuss the role of population dynamics on health condition.
19. Discuss the relationship between urbanisation and disease with particular reference to Dengue in India.

(7)

20. Write the role of ICDS scheme for preventing malnutrition in India.
21. Briefly identify the major WHO recommended programmes for the development of health and social wellbeing.

Group - C

Answer any *two* questions. 10×1=10

22. What do you mean by 'mental health' ? Discuss the linkage between mental health and environment. 3+7
23. Compare the scenario of 'Health' in developed and developing countries.
24. Describe about the types of various communicable diseases with their regional pattern.
25. Discuss how does environmental pollutions affect human health. What steps to be taken to reduce indoor air pollution ? 7+3

[Turn Over]

(8)

[Cultural & Settlement Geography]

Group - A

Answer any *ten* questions from the following.

10×2=20

1. Define cultural landscape.
2. Distinguish between 'race' and 'ethnicity'.
3. What do you mean by 'cultural hearth' ?
4. Define megalopolis.
5. Differentiate cultural assimilation from cultural convergence.
6. What is 'social segregation' ?
7. Define 'Administrative city'.
8. Mention the characteristics of rural-urban fringe.
9. What is satellite town ?

(9)

10. Mention two major characteristics of 'Metropolitan city'.
11. What do you mean by 'Cosmopolitan' ? Give example.
12. What do you mean by 'City-Region' ?
13. Define squatter settlement.
14. What is rural-urban dependency ?
15. Give an example of diffusion of language.

Group - B

Answer any *four* questions. $4 \times 5 = 20$

16. Identify the functional classification of cities according to Mckenzie.
17. Enlighten the geographical and administrative distribution and designation of different cultural regions of India. $2\frac{1}{2} + 2\frac{1}{2}$

[Turn Over]

(10)

18. State the characteristics of rural houses in different parts of India.
19. Discuss the factors which are responsible for growth of nucleated settlement of any region.
20. Write the identifying features of different census categories of Indian rural and urban settlements.
21. Describe how religion and language have been the essential twin dimensions for global cultural diffusion throughout the time.

Group - C

Answer any *two* questions. 2×10=20

22. Define race. Discuss the major racial groups which are found in all over world. 2+8
23. Illustrate how culture, technology and development are intensively related to each other throughout the space over time. What is 'technocentrism' ? 8+2

24. Discuss the concentric zone theory of urban morphology as proposed by E. Burges in 1925. Differentiate between Concentric Zone Theory and Multiple Nuclei Theory. 6+4
25. State the characteristics of conurbation. Which method would be used to determine the conurbation? 6+4
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