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B.Sc./6th Sem (H)/GEO/23(CBCS)

2023

6th Semester Examination

GEOGRAPHY (Honours)

Paper : DSE 3-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.*

[Population Geography]

Group - A

Answer any **ten** questions : $2 \times 10 = 20$

1. Define cohort.
2. Define 'Pull' and 'Push' factors of migration.
3. Define the term 'crude birth rate'.
4. What do you mean by infant mortality rate?
5. Define age specific fertility rate.
6. What is HDI?
7. What is sex-ratio?

P.T.O.

8. What is optimum population?
9. What is Crude Birth Rate (CBR)?
10. Distinguish between urbanism and urbanisation.
11. What is zero population?
12. What do you mean by ageing of population?
13. Distinguish between emigration and immigration.
14. Explain the term 'demography'.
15. Define the term 'urbanisation'.

Group - B

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

16. Distinguish between optimum population and over population.
17. Give a brief overview of the impacts of over-population on environment with suitable examples.
18. Classify the various types of migrations with examples.
19. Identify the determinants of mortality in India.
20. Name the factors that influence the density and growth of population.
21. Write a short note on recent trends of international migration in India.

(3)

Group - C

Answer any **two** questions : $10 \times 2 = 20$

22. What are the various types of age-sex structure? State the influence of age-sex structure on the economic situation and development. 5+5
 23. Give a critical account of the Demographic Transition Theory with the present day context. 10
 24. Explain the various population resource regions of the world. 10
 25. How do the population policies of developed countries differ from that of developing motions? 10
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P.T.O.

(4)

OR

[Political Geography]

Group - A

Answer any *ten* questions ; $2 \times 10 = 20$

1. Define sovereignty.
2. What is OPEC?
3. What is Nation State?
4. What is Electoral Geography?
5. Define heartland.
6. What is Territory?
7. What is carbon trading?
8. What is antecedent boundary?
9. What is Exclave and Enclave?
10. Define Geopolitics.
11. What is IPCC?
12. What is Gerrymandering?
13. Define 'Pivot' area.
14. What is meant by land-locked state? Give examples.
15. What is Buffer State?

(5)

Group - B

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

16. Differentiate Frontiers from Boundaries.
17. Discuss about the geographical bases of Indian Federalism.
18. Discuss about the geographic influences on voting pattern.
19. Distinguish State, Nation and Nation State.
20. Mention the geographic characteristics of State.
21. State the relevance of Heartland Theory.

Group - C

Answer any **two** questions : $10 \times 2 = 20$

22. Discuss about the nature and scope of political geography.
23. Discuss the Rimland concept of Spykman with its relevance in present time.
24. Write about the inter-state disputes on river water resources in India.
25. Discuss about the land acquisition related problems with reference to SEZ in India.

P.T.O.

(6)

OR

[Soil and Biogeography]

Group - A

Answer any *ten* questions : $2 \times 10 = 20$

1. Mention the characteristics of C horizon in an ideal soil profile.
2. What is 'Duricrust'?
3. What is capillary water in soil?
4. Define 'Azonal soil'.
5. What is 'climax community'?
6. Define 'Wilting Point'?
7. What is Agro-forestry?
8. Distinguish between Eluviation and Illuviation.
9. Differentiate Wildlife Sanctuaries and National Parks.
10. What are the salient features of 'Man and Biosphere Programme'?
11. What is the ecological significance of Ecotone?
12. Explain the 'Ten percent Law' in an Ecosystem.
13. Define the Aut-ecology.
14. What do mean Biodiversity Hot Spot?
15. What is Chelation?

(7)

Group - B

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

16. Explain the different physical factors of Soils formation.
17. Give a brief account of vertical stratification of the vegetation of tropical evergreen rain forest biome.
18. Classify soil according to USDA method.
19. Write down the major causes of biodiversity loss.
20. Discuss different storages and pathways of carbon in biosphere.
21. Write major consequences of deforestation.

Group - C

Answer any *two* questions : $10 \times 2 = 20$

22. Discuss the different mitigation measures methods for soil erosion management.
 23. Illustrate the characteristics of chernozem soil profile with suitable diagram. What is Soil Texture?
 24. Discuss the profile development in Laterite soil. Why chernozem is named as 'self ploughing soil'?
 25. Describe the different Forest management policies and programmes from Global to Local.
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