



বিদ্যাসাগর বিশ্ববিদ্যালয়
VIDYASAGAR UNIVERSITY

Question Paper

B.Sc. Honours Examination 2021

(Under CBCS Pattern)

Semester - V

Subject: GEOGRAPHY

Paper : DSE 1-T

Full Marks : 60

Time : 3 Hours

Candidates are required to give their answer in their own words as far as practicable.

The figures in the margin indicate full marks.

Hydrology & Oceanography

Group-A

- A. Answer *any four* questions from the following : 12×4=48
1. Discuss the salient features of the Atlantic Ocean currents. 12
 2. Discuss Global Hydrological Cycle in quantitative format and show how far it can be affected by Global Warming. 12
 3. Discuss the theories of the origin of Coral reefs. 12

4. Explain different phases of Run-off cycle. 12
5. Discuss the origin and characteristics of the major relief features of the ocean basins in the light of Plate tectonics. 12
6. Discuss the processes of Ground water recharge and discharge. 12
7. Discuss the factors affecting seawater temperature. 12
8. Explain the role of Air-Sea interaction in the dynamics of waves and currents.

Group-B

B. Answer *any six* questions from the following : 2×6=12

1. What is coral Bleaching?
 2. Define Unit Hydrograph.
 3. What is Sargasso Sea?
 4. Distinguish between Aquifer and Aquitard?
 5. What is Watershed?
 6. Differentiate between Potential and Absolute Evapotranspiration.
 7. What is T-S diagram?
 8. What do you mean by Tidal Bore?
 9. What is Vadose water?
 10. Differentiate between Base-flow and Interflow.
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Or

Geography of Health & Wellbeing

Group-A

A. Answer *any four* questions from the following : 12×4=48

1. Make a comparison between developed and developing nations in the context of geographical perspective of health.
2. Give an account of the socio-economic and environmental factors of human health and wellbeing.
3. “Air pollution and exposure to hazardous wastes are important causes of the environment-related burden of disease in developing countries.”—Explain.
4. Do you think rapid population growth and density is correlated with infectious diseases? Justify your answer citing examples.
5. Elaborately discuss on rural-urban differences in the prevalence of lifestyle related diseases in India.
6. Describe the effects of COVID-19 pandemic on mental health and quality of life.
7. Explain the impact of higher ambient temperatures and intense heat waves on morbidity and mortality.
8. Elucidate the role of WHO in promoting health and wellbeing in developing economies.

Group-B

B. Answer *any six* questions from the following : 2×6=12

1. What is physical well-being?
2. Define ‘Body Mass Index’ (BMI).
3. Differentiate between epidemic and pandemic.
4. What are stunting and wasting?
5. How does urbanisation affect human health?
6. Highlight any two parameters of good health.
7. What is ‘Bioweapon Disease’?

8. Mention any two health related schemes of Government of India.
 9. Differentiate between hunger and malnutrition.
 10. How is health related to social inequality?
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Or

Cultural and Settlement Geography

Group-A

A. Answer *any four* questions from the following : 12×4=48

1. Describe the characteristics of Indian Culture. Mention the determinants of Cultural Diffusion.
2. Examine morphology of rural settlement in India. Give a brief account on the census categories of rural settlement.
3. Describe the major races of India with geographical location.
4. Elaborate the scope and content of Cultural Geography.
5. Discuss the factors affecting Rural Settlement patterns of India with suitable examples.
6. Critically analyze the functional classification of Towns by Harris and McKenzie.
7. Rural House types are expressions of Man-Environment relationship—Explain with suitable example.
8. Illustrate with suitable example the significance of social segregation in the morphology of Rural Settlements.

Group-B

B. Answer *any six* questions from the following : 2×6=12

1. What is Cultural Hearth?
2. What is Stimulus Diffusion?
3. What is Cultural Convergence?
4. Define Cultural Diversity.
5. What is ideal Culture?
6. What is Dry point settlement?
7. What is Dormitory Town?
8. Define Hamlet.

9. Give two examples of smart city.

10. What is Site and Situation?

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