



বিদ্যাসাগর বিশ্ববিদ্যালয়
VIDYASAGAR UNIVERSITY
Question Paper

B.Sc. Honours Examinations 2022
(Under CBCS Pattern)
Semester - VI
Subject : GEOGRAPHY
Paper : DSE 3 - T

Full Marks : 60
Time : 3 Hours

*Candidates are required to give their answers in their own words as far as practicable.
The figures in the margin indicate full marks.*

Population Geography

Group - A

Answer any *five* of the following questions :

2×5=10

1. Distinguish between population growth and population explosion. 2
2. Define “doubling time” with example. 2
3. Explain the concept of cohort.
4. What are the various components of HDI? 2
5. Name the various sources of population data. 2
6. Define the term ‘ageing of population’. 2

7. What is “Life table”? 2
8. What do you mean by “absolute under population”? 2

Group - B

Answer any *four* of the following questions : 5×4=20

9. Distinguish between Demography and Population Geography from its conceptual, cultural and functional aspects. 5
10. Explain the various indicators of measuring fertility. 5
11. How does declining child sex ratio affect the population? 5
12. Briefly describe the development and purposive background of the classical and modern theories in Population Geography. 5
13. How do the “Intervening obstacles” determine the quality of migration stream? 5
14. “Occupational structure is as dynamic as economic structure of a country”—Briefly describe in Indian context? 5

Group - C

Answer any *three* of the following questions : 10×3=30

15. What is population-resource region? Critically explain the five-fold classification theory to understand the population-resource ratio and development aspects of the world. 2+8
16. Briefly analyze the age sex composition in a developing and developed nations. 10
17. Elaborate Demographic Transition Model in the context of population growth pattern of India. 10
18. What is Total Fertility Rate (TFR)? Ideal TFR is not a static number rather determined by demand-supply balance of labour in an economy—Elaborate. 10
19. “International conflict, ethnic cleansing and job opportunity are three major factors of cross border migration of human being”—Elaborate with recent examples. 10
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OR

Paper : DSE 3 - T

Political Geography

Group - A

Answer any *five* of the following questions : 2×5=10

1. Distinguish between 'Geo-politics' and 'Political Geography'. 2
2. What do you mean by 'sovereignty'? 2
3. What is 'lebensraum'? 2
4. What is Exclave? 2
5. What is 'Gerrymandering'? 2
6. Distinguish between LOC and LAC. 2
7. Define electoral geography. 2
8. What is NEFA? 2

Group - B

Answer any *four* of the following questions : 5×4=20

9. Comparatively represent state, nation and nation-state with proper example. 5
10. Write a short note on the conflicts over forest rights in India. 5
11. What is Electoral Geography? Discuss the geographic influences on voting pattern. 2+3
12. Briefly describe the geo-political influences on global green house gas emissions and climate change. 5
13. Describe the role of politics on the problems and prospects of GTA. 5
14. How India is suffered for inter-state water dispute? Give your answer with examples. 5

Group - C

Answer any *three* of the following questions : 10×3=30

15. Distinguish between frontier and boundary. Classify the boundaries based on different criteria and taking proper example throughout the globe. 3+7

16. Briefly discuss the territorial politics of Jammu and Kashmir in recent political perspective. 10
 17. Distinguish between federation and federalism. Mention the geographical basis of Indian federalism. Discuss the roles of federalism in new state formation during post independent India. 2+3+5
 18. What is the politics of displacement? Describe an issue of displacement with special reference to a Special Economic Zone in India. 3+7
 19. 'At present the powerful countries are in tremendous conflicts due to the right of resource like oil and water'—discuss the quoted sentence with proper example. 10
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OR

Paper : DSE 3 - T

Soil and Biogeography

Group - A

Answer any *five* of the following questions : 2×5=10

1. What is Regolith? 2
2. What do you understand by 'Inverted Ecological Pyramid'? 2
3. What is 'Ecocline'? 2
4. What do mean Ecosystem restoration? 2
5. What is sheet erosion? 2
6. Define Bio-geochemical Cycle. 2
7. What is Aut-ecology and Syn-ecology? 2
8. What is Mulching method? 2

Group - B

Answer any *four* of the following questions : 5×4=20

9. What is the significance of ecosystem restoration to Biodiversity conservation? 5
10. Explain the Laterization process. 5
11. Classify the soils in India by USDA. 5
12. Distinguish between Ex-situ and In-situ process of conservation with example. 5
13. Illustrate Carbon Cycle with suitable diagram. 5
14. Write down the concept of 'Biodiversity Hotspot' with reference to India. 5

Group - C

Answer any *three* of the following questions : 10×3=30

15. Discuss the Bio-geochemical cycles of Nitrogen with suitable diagram. 10
16. Explain the role of organic matters and NPK in soil to plants growth. 10

17. Illustrate the development of an ideal soil profile with suitable example. 10
18. Elaborate the salient characteristics of Tropical Rain Forest biome. Why does it called as “Lungs of the planet”? 10
19. What is “Endangered Species”? Describe the processes of Biodiversity Conservation. 2+8
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