

B.Sc./6th Sem (H)/GEO/25(CBCS)

2025

6th Semester Examination

GEOGRAPHY (Honours)

Paper : DSE 4-T

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.*

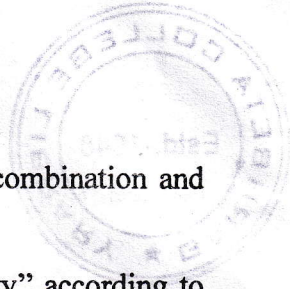
(Agricultural Geography)

Group - A

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

1. What is the Systematic Approach in Agricultural Geography?
2. What do you mean by compage?
3. Define cropping intensity.
4. What is inundation cannel?
5. What GM crops?
6. Name two major land capability classes defined by the USDA.

P.T.O.

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7. What is the difference between crop combination and cropping pattern?
 8. What is “self-contained, closed society” according to Von Thunen?
 9. What are the measures of agricultural productivity?
 10. What is commercial grain farming?
 11. Differentiate between net and gross cropped area.
 12. What is crop rotation?
 13. Define ‘intercropping’.
 14. What are the key factors that influence crop productivity?
 15. What is a ‘yield gap’?

Group - B

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

16. Illustrate how cropping pattern and crop combination are interrelated in the context of agricultural planning and land use management.
17. Discuss the role of irrigation in Indian agriculture with suitable examples.
18. Analyze the Von Thunen model and its relevance to modern agriculture.

(3)

19. Describe the problems faced by agriculture in South Asian countries and suggest measures to overcome them.
20. Explain the impact of globalization on Indian agriculture and its implications to the farmers.
21. Write a short note on food security.

Group - C

Answer any *two* questions : 10×2=20

22. Briefly describe the major agricultural systems of the world.
 23. Discuss the progress of agricultural geography as a discipline and its relationship with allied disciplines.
 24. Describe the location and characteristics of plantation agriculture with example.
 25. Explain the major problems of agriculture with special reference to India.
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P.T.O.

(4)

OR

[Urban Geography]

Group - A

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

1. Identify the characteristics of post-modern urban places.
2. Define complimentary area.
3. What are the main characteristics of CBDs?
4. Write down some urban rehabilitation schemes for slum people in India.
5. What are the key focuses of AMRUT policy on urbanisation?
6. What is urban sprawl?
7. What is satellite town? Give an example.
8. Distinguish between planned and un-planned city.
9. Define megalopolis. Give an example.
10. What do you mean by urban fringe?
11. What is smart growth?
12. Why is Homer Hoyt's model known as Sector Model?
13. What is counter urbanisation?

(5)

14. Define "City Rich Sector".

15. What is gentrification?

Group - B

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

16. Discuss the principle of the multiple nuclei theory of Harris and Ulman.

17. Critically evaluate the Rank-Size-Rule theory in modern Indian context.

18. How the rural to urban migration influencing the unusual urbanization in third world countries? Discuss.

19. State the parameters of Zipf's Rank Size rule.

20. Give a short account of the urban morphology of Kolkata.

21. Mention alternative solutions to decongest NOIDA.

Group - C

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

22. Critically analysis the "Growth Pole Theory" as an economic theory of urban evolution and growth.

23. Write down the importance of the rural-urban fringe. Discuss the salient features of the rural-urban fringe.

4+6

P.T.O.

24. Discuss the urban environmental problems of any megacity of India.
 25. Discuss the theories of urban evolution and growth in Hydraulic Theory.
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