

[This question paper contains 2 printed pages.]

Your Roll No.....

Sr. No. of Question Paper : 1229

F

Unique Paper Code : 2152011203

Name of the Paper : Human Ecology and
Biological Adaptations

Name of the Course : **B.Sc. (H) Anthropology-
DSC-5**

Semester : II

Duration : 3 Hours

Maximum Marks : 90

Instructions for Candidates

1. Write your Roll No. on the top immediately on receipt of this question paper.
2. Answer any **five** questions.
3. **All** questions carry equal marks.

1. Write down the relationship and scope of Human Ecology with allied disciplines.
2. Define adaptation. Describe the adaptational changes among humans exposed to extremes of cold climate.

P.T.O.

3. What do you understand by "Ecological rules"? Discuss Allen's and Bergmann's rules with suitable examples.
4. Elucidate the concepts of Ecology in Anthropology.
5. Write a short note on the impact of urbanization on humans.
6. What are the various methods of studying human ecology?
7. Discuss the physiological changes that help in adapting to the stress in hot and cold climate.
8. How indigenous knowledge helps in sustainability in various environments? Explain with suitable examples.
9. Write notes on **any two** of the following :
 - (a) Acclimatization and Acclimation
 - (b) Thompson and Buxton rule
 - (c) Biological Plasticity
 - (d) Adaptability