

**2024**  
**B.A./B.Sc.**  
**Fourth Semester**  
CORE – 10  
**ANTHROPOLOGY**  
*Course Code: ANC 4.31*  
(Human Ecology: Biological & Cultural Dimensions)

*Total Mark: 70*

*Pass Mark: 28*

*Time: 3 hours*

*Answer five questions, taking one from each unit.*

**UNIT-I**

1. Describe the relevance of studying ecology from anthropological perspective. 14
2. Design a strategic concept of eco-sensitivity adaptation citing relevant examples. 14

**UNIT-II**

3. Discuss the biological and cultural mechanism of human adaptation to heat. 14
4. Define Allen's rule. Critically examine the applicability of Allen's rule in human population. 2+12=14

**UNIT-III**

5. Briefly discuss the different stages of adaptation in a pre-state society. 14
6. Examine the adaptability of shifting cultivation with special reference to the Naga population. 14

## UNIT-IV

7. Define industrialization. Describe the characteristics of industrialization. 2+12=14
8. Distinguish between urbanization and modernization citing some examples. 14

## UNIT-V

9. Write short notes on the following: 7×2 = 14  
(a) Acclimatization  
(b) Biotic components
10. Discuss in brief how humans adapt to stress of solar radiation. 14
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