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**3 (Sem-3/CBCS) ANT HC 2**

**2022**

**ANTHROPOLOGY**

(Honours)

Paper : ANT-HC-3026

**(Human Ecology, Biological and  
Cultural Dimensions)**

Full Marks : 60

Time : Three hours

***The figures in the margin indicate  
full marks for the questions.***

1. Give very short answers to the following questions: **(any seven)**  $1 \times 7 = 7$

- (a) Who proposed the term ecology ?
- (b) Name a cultural factor affecting nutrition.
- (c) Name a living food gathering tribe of India.

Contd.

- (d) What is meant by vasoconstriction ?
- (e) Name the condition arising from ABO blood group incompatibility.
- (f) What is meant by transhumance ?
- (g) How many years ago did the Neolithic Revolution began ?
- (h) Who laid the foundations of Ecological Anthropology ?
- (i) In which year was the Earth Summit at Rio de Janeiro held ?
- (j) Skin colour depends upon the presence of which substance ?
- (k) Name *one* 'disease of affluence'.
- (l) Name *one* ancient hydraulic civilization.

2. Answer **any four** of the following questions in brief:

2×4=8

- (a) Define Allen's rule.
- (b) What is meant by hydraulic civilization ?
- (c) Differentiate between homeostasis and thermoregulation.
- (d) What is human ecology ?

- (e) What are ecosystems composed of ?
- (f) What is meant by adaptive capacity ?
- (g) Write *two* differences between abiotic and biotic factors.
- (h) What is meant by acclimatization ?

3. Answer **any three** of the following :

5×3=15

- (a) Write a short note on Nutritional Anthropology.
- (b) How do humans maintain a relatively constant internal body temperature ?
- (c) Discuss the significance of human ecology in Anthropology.
- (d) What is Community Based Adaptation (CBA) ?
- (e) Write a short note on industrial pollution.
- (f) Write the characteristic features of a peasant society.
- (g) Discuss the impacts of urbanization.
- (h) Briefly discuss culture as a tool of adaptation.

4. Answer **any three** of the following :

10×3=30

- (a) Define Ecological Anthropology. Discuss its subject matter.
  - (b) What are ecological rules ? Discuss the application of *any two* ecological rules among human.
  - (c) Explain how industrialization has affected the environment.
  - (d) Elaborate on the bio-cultural factors influencing diseases.
  - (e) Discuss how the Agricultural Revolution led to a transition in human diet.
  - (f) Enumerate the characteristic features of pastoralist societies and discuss how they adapted to the environment.
  - (g) Discuss the relationship between Neolithic Revolution and State formation.
  - (h) Discuss the relationship between Industrial civilization and growth of urban societies.
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