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3 SEM TDC ANTH (CBCS) C 7

2023

(Nov/Dec)

ANTHROPOLOGY

(Core)

Paper : C-7

(Biological Diversity in Human Population)

Full Marks : 53

Pass Marks : 21

Time : 3 hours

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

1. Write short answers of the following
(any five): 1×5=5

(a) Define genetic polymorphism.

(b) What is the most common type of DNA
marker in human?

(c) According to B. S. Guha, who are the
true autochthones of India?

(d) What is consanguinity?

(2)

(3)

(e) What is demographic profile?

(f) Define Hardy-Weinberg law.

2. Write short notes on any *three* of the following : $4 \times 3 = 12$

(a) Conditions of Hardy-Weinberg law

(b) Human adaptability

(c) Aging process

(d) Biological consequences of inbreeding

3. Define biological variability. Give a discussion on human biological variability. $2+7=9$

Or

What are the different sources of human genetic variation? Give a discussion on it. 9

4. State the Sarkar's racial classification of Indian population. 9

Or

Give a discussion on the pre-and proto-historic racial elements in India. 9

5. What is bio-cultural factor? Discuss how bio-cultural factors can influence on human health. $2+7=9$

Or

Give a discussion on evolution of human diet. 9

6. What are the sources of demographic data? Explain each of the sources. 9

Or

Give a discussion on the demographic processes. 9
