

This question paper contains 2 printed pages.

1283

Your Roll No.

B.Sc. (Hons.) / III

A

ANTHROPOLOGY— Paper VIII

(Biological Diversity in Human Populations)

(Admissions of 2004 and onwards)

Time : 3 hours

Maximum Marks : 45

*(Write your Roll No. on the top immediately
on receipt of this question paper.)*

Attempt any five questions.

All questions carry equal marks.

1. What do you understand by Ethnic group? How is it different from Race and Population? What are the uses of racial classification? 9
2. What are the major physical criteria for the classification of people? Explain any *two* of them in detail. 9
3. Give a detailed account of Guha's classification of Indian people. 9
4. What is the importance of genetic polymorphism in Anthropology? Explain with special reference to Haptoglobins. 9

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5. Discuss the following:
- (a) Culture and Human Evolution
 - (b) Selection Relaxation. 9
6. What is Dermatoglyphics? Give the distribution of the various fingerprint patterns in Indian populations. 9
7. Describe Sarkar's racial classification. 9
8. Write brief notes on:
- (a) Genetic drift
 - (b) PTC. 9
9. Write short notes on any *two* of the following:
- (a) Haemoglobin polymorphism
 - (b) PGM
 - (c) Riskey's classification
 - (d) Genetic Recombination. 9