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5752

Your Roll No

B.Sc. (Hons.) / III

J

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 Describe briefly –
 - (a) Genetic basis of race
 - (b) Uses of racial classifications
- 2 Give a detailed account of various morphological criteria used for classification of human populations
- 3 Give a brief account of Coon, Garn and Birdsell's racial classification
- 4 Discuss in brief the geographical distribution of phenylthiocarmide (PTC) and colourblindness in populations of Himalayas

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- 5 Discuss the following
- (a) Cultural factors affecting human solution
 - (b) Genetic drift
- 6 Describe briefly the distribution of finger pattern types in Indian populations
- 7 Describe briefly
- (a) Deniker's racial classification
 - (b) Nsegroid
- 8 Write in brief any **two** of the following -
- (a) Microevolution
 - (b) Distribution of Adenylate Kinase (AK) isozymes in Indian populations
 - (c) Definition of race, population and ethnic group
- 9 Write notes on any **Two** of the following -
- (a) Mutation
 - (b) Hardy-Weinberg law
 - (c) Role of blood groups in racial classification
 - (d) Riskey's classification