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MANI-002

**MASTER IN ANTHROPOLOGY
(MAAN)**

Term-End Examination

December, 2022

MANI-002 : PHYSICAL ANTHROPOLOGY

Time : 3 Hours

Maximum Marks : 100

Note : (i) *Attempt five questions in all.*

(ii) *All questions carry equal marks.*

(iii) *Attempt at least two questions from each Section.*

(iv) *The word limit for 20 marks question is 500 words and for 10 marks question is 250 words.*

Section—A

1. Define and discuss the aims and scope of Physical Anthropology. 20

P. T. O.

2. Discuss synthetic theory of evolution. 20
3. What is Hardy-Weinberg's law ? Describe its application in population genetics. 20
4. Describe how thermal environment affects human body. 20
5. Write short notes on any *two* of the following :
10+10
 - (i) Scope of palaeoanthropology
 - (ii) The Non-existence of the races—The Clines
 - (iii) Genetic counselling

Section—B

6. Discuss Heath-Carter method for the assessment of human physique. 20
7. Describe the genetic criteria of racial classification. 20
8. Briefly describe hominization process. 20
9. Discuss the applied dimension of physical anthropology with reference to sports and public health. 20

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10. Define and distinguish between any *two* of the following : 10+10

- (i) Secular trend and catch up growth
- (ii) Autosomal recessive and X-linked recessive inheritance
- (iii) Cross-sectional and longitudinal study