

MASTERS IN ANTHROPOLOGY (MAAN)

00914

Term-End Examination

December, 2012

MANI-002 : PHYSICAL ANTHROPOLOGY

Time : 3 hours

Maximum Marks : 100

Note : Attempt any five questions. Attempt atleast two questions from each section. All questions carry equal marks. The word limit for 10 marks question is 250 words.

SECTION - A

1. Give the definition of Physical anthropology and an account of its aims and scope. **10+10**

What is the relevance of genetics in applied physical anthropology ? Illustrate its application with respect to Paternity diagnosis.

2. Discuss briefly the social organization in Primates. Describe briefly their characters suitable for adaptation in different climates. **10+10**

3. Discuss the different methods of assessing physique. **10+10**

What are the limitations of Heath-carter method of somatotyping ?

4. Comment on modern thought on Race - The Ethnic Group. **10+10**

What do you understand by genetic criteria of race with respect to ABO Blood group ?

5. Differentiate between *any two* of the following : **10+10**
- (a) Lamarckism and Darwinism
 - (b) Menarche and Menopause
 - (c) Sex limited and Sex controlled inheritance

SECTION - B

6. What according to you are important historical development in the concept of evolution ? Briefly discuss the mechanism of evolution. **10+10**
7. Discuss Man's physiological response to cold climate stresses. Explain the ecology of malnutrition. **10+10**
8. Discuss the various types of inheritances. Describe the salient features of X - linked recessive inheritance with example. What are the applications of Hardy-Weinberg law ? **10+10**
9. Write short notes on *any two* of the following : **10+10**
- (a) Scope of Palaeoanthropology
 - (b) Catup-growth
 - (c) Hominization
 - (d) Ethnic Group
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