

Total No. of printed pages = 3

3 (Sem 3) ANT M1

2015

ANTHROPOLOGY

(Major)

Paper : 3.1

(Physical Anthropology)

Full Marks - 60

Time - Three hours

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

1. Fill in the blanks : 1×7=7
- (a) Hereditary characters are transmitted through _____.
 - (b) _____ is known as African pigmy.
 - (c) _____ is the most important feature of human femur.
 - (d) _____ is the value of the variety which occurs most frequently.
 - (e) The term chromosome was first introduced by _____ in 1888.

[Turn over

(f) Total genetic constitution of an individual is called _____.

(g) The Australoids are considered as a sub-division of the _____.

2. Write brief answers to the following questions :

2×4=8

(a) What is prognathism? In which race it is frequently observed?

(b) Write about dominant and recessive.

(c) Frequency table.

(d) The Ainus.

3. Answer any *three* of the following questions :

5×3=15

(a) What is cell?

(b) The caste population of North-East India.

(c) Write a brief note on Racism.

(d) Write about the various stages of mitosis.

(e) Human vertebral column.

4. Answer the following questions :

(a) What are the changes that took place in the human skull and dentition due to the attainment of erect posture and bipedal locomotion. 6+4=10

Or

Discuss about the biological basis of inheritance. 10

(b) Describe the relationship between race, culture and society. 4+3+3=10

Or

Define mean. Haemoglobin percent of 9 patients of a ward of a hospital is obtained as 6 mgs, 7 mgs, 5 mgs, 4 mgs, 8 mgs, 7 mgs, 9 mgs, 6 mgs and 8 mgs. Find out the arithmetic mean of the data. 3+7=10

(c) Discuss in detail the racial classification of Indian population as propounded by B.S. Guha. 10

Or

Give a brief account of the Mongoloid race and their physical characters and geographical distribution. 10