

PG Odd Semester (CBCS) Exam., December—2017

ANTHROPOLOGY

( 1st Semester )

Course No. : ANTCC-102

( Biological Anthropology )

*Full Marks : 70*

*Pass Marks : 28*

*Time : 3 hours*

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

Answer **five** questions, taking **one** from each Unit

UNIT—I

1. Define Biological Anthropology. Discuss the development of Biological Anthropology during the last two decades.  $2+12=14$
2. Briefly describe the historical background and modern trends in Biological Anthropology.  $6+8=14$

UNIT—II

3. Define Darwinism. Discuss the theory of Darwinism and its major criticism with suitable examples.  $2+(8+4)=14$
4. Write a brief account of *Homo erectus* with special reference to physical characteristics, prehistoric culture and phylogenetic position in human evolution.  $4+4+6=14$

UNIT—III

5. Discuss the major structural and numerical, chromosomal variation in man with examples.  $6+8=14$
6. What do you mean by DNA and RNA? Discuss the physical and chemical structures of DNA.  $4+10=14$

UNIT—IV

7. Define hemoglobin. Discuss the physical structure of hemoglobin. Briefly mention the major hemoglobin variations in population.  $2+4+8=14$
8. What do you mean by adaptation? Discuss the different types of human adaptation in response to environment stress.  $2+12=14$

( 3 )

UNIT—V

9. Write an essay on the application of Biological Anthropology in human welfare and public health. 14
10. Define genetic counselling. Discuss the application of genetic counselling in family welfare and genetic disorders.  $2+(6+6)=14$

★ ★ ★