

M.Sc. 1st Semester Examination, 2011

ANTHROPOLOGY

PAPER – ANT-102

Full Marks : 50

Time : 2 hours

Answer **Q.No.1** and any **three** questions from the rest

*The figures in the right hand margin indicate marks
Candidates are required to give their answers in their
own words as far as practicable*

Illustrate the answers wherever necessary

1. Answer any *five* questions from the following : 2 x 5
 - (a) Write two differences of subfamily Cercopithecidae and Colokinae.
 - (b) Write two anatomical differences of Archaic Homo sapiens and Anatomically Modern Man.
 - (c) Define polymorphism.

- (d) Define speciation.
- (e) Define Aneuploidy.
- (f) Define autosomal recessive trait.
- (g) Define adaptation.
- (h) What is true bipedalism ?
2. Define Karyotype and Devwer's classification. Explain non-disjunction and anaphase lag with suitable examples. $2 + 2 + 3 + 3$
3. Define race. What are the factors responsible for race formation. $2 + 8$
4. Mention the characteristic features of Australopithecus. Name four major sites where fossils of Australopithecus have been discovered. State the phylogenetic position of Australopithecus. $6 + 2 + 2$
5. What is 'Organic Evolution'? Explain Darwin's theory of evolution. $2 + 8$

6. Mention some applications of Biological Anthropology. 10

[Internal Assessment – 10 Marks]
