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 × 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.  

3. Define race. What are the factors responsible for race formation.  

4. Mention the characteristic features of Australopithecus. Name four major sites where fossils of Australopithecus have been discovered. State the phylogenetic position of Australopithecus.  

5. What is ‘Organic Evolution’? Explain Darwin’s theory of evolution.
6. Mention some applications of Biological Anthropology. 10

[Internal Assessment — 10 Marks]