

M.A./M.Sc. Examination, 2016

Semester – I

Anthropology

Paper – III

(Biological Anthropology)

Time: 3 Hours

Full Marks: 40

Questions are of value as indicated in the margin.

Answer question No. 7 and any three from the rest

1. What do you mean by banding? Mention in brief the different methods of Staining Chromosomes in banded patterns. 2+8=10
 2. Define species. Give an account of reproductive isolating mechanism in species divergence. 2+8=10
 3. Discuss briefly the stages of Meiosis. Write any four significance of meiosis. 8+2=10
 4. Who are the early transitional humans? Briefly compare the cranial and postcranial features of Homo habilis and Homo rudolfensis. 2+8=10
 5. What are the major skeletal modifications needed for human bipedalism? Discuss briefly different explanation for the development of bipedalism. 3+7=10
 6. Write a short note on modern Synthetic theory of Evolution. 10
 7. Write short notes on **any two** of the followings: 5+5=10
 - a) Nucleus
 - b) Primate Classification
 - c) Eocene and Oligocene primate
 - d) scope of physical anthropology
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