

*Sl. No. of Ques. Paper* : 653

**G**

*Unique Paper Code* : 215304

*Name of Paper* : **Primate Biology (ANTH-309)**

*Name of Course* : **B.Sc. (Hons.) Anthropology**

*Semester* : **III**

*Duration* : **3 hours**

*Maximum Marks* : **75**

*(Write your Roll No. on the top immediately on receipt of this question paper.)*

*Attempt any five questions. All questions carry equal marks.*

1. Discuss the aims and scope of evolutionary biology.
2. Describe the postural modifications in humans that occurred due to bipedal gait and uprightiness.
3. What do you understand by primate adaptive radiations? Discuss with suitable examples.
4. 'Molecular anthropology is of immense help in deciphering the phylogenetic relationships among primates.' Discuss.
5. Write an essay on the socioecology and population dynamics of chimpanzee.
6. Describe various communication patterns found in non-human primates and their evolutionary significance.
7. Critically evaluate the use of non-human primates in biomedical research.
8. Discuss and draw a cladistics relationship between great apes with reference to blood group evidences.
9. Write short notes on any *two* of the following:
  - (a) Conservation of non-human primates
  - (b) Immunological relationships among non-human primates
  - (c) Breeding and husbandry of non-human primates
  - (d) Habitat of orang-utans.