

Sl. No. 5620

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Unique Paper Code : 215304

Paper : ANTH 309 PRIMATE BIOLOGY

B.Sc. (H) Anthropology

Semester III

Time : 3 hours

Max. Marks : 75

Attempt any five questions.
All questions carry equal marks.

1. What is meant by evolutionary biology? Discuss its aims and scope.
2. Describe the modifications in limbs, hand and foot during the course of primate evolution.
3. What do you understand by primate adaptive radiations? Discuss their evolutionary significance.
4. What is meant by molecular evolution? How ABO blood group system helps in deciphering the phylogenetic relationships among primates? Discuss.
5. Write an essay on the socioecology and population dynamics of Gorilla.
6. How do nonhuman primates communicate with each other? Describe the communication patterns among chimpanzees.
7. Discuss the ethical issues involved in the use of nonhuman primates in biomedical research.
8. Write notes on the following:
 - i) Breeding and husbandry of nonhuman primates
 - ii) Conservation of nonhuman primates
9. Write **short notes** on any *two* of the following:
 - i) Rh blood groups among nonhuman primates
 - ii) Immunological relationships among nonhuman primates
 - iii) Chromosomal studies among great apes
 - iv) Socioecology of Langurs