

This question paper contains 2 printed pages.

5827 Your Roll No:

B.Sc. (Hons.) / III

B

ANTHROPOLOGY

Paper – ANTH XI : Primate Biology

(Admissions of 2010 and onwards)

Time : 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. Briefly describe the evolutionary processes of non-human primates.
2. Describe principles of primate classifications. Elucidate major characteristics of primates.
3. Discuss the anatomical traits of primates which evolved as adaptations to environmental circumstances.
4. Discuss how dentition can be used for diet and life-history reconstruction.

5. What anatomical changes have undergone in shoulder and pelvic girdle in the process of primate evolution?
6. Describe the distribution of blood group systems in non-human primates.
7. Describe various factors that influence social structure of non-human primates.
8. Describe various primate social behaviours that reinforce group identity.
9. Write short notes on any *two* of the following:
 - (a) Sexual behaviour in primates
 - (b) Hands and feet adaptation
 - (c) Chromosomal aspects of non-human primates
 - (d) Breeding and husbandry of non-human primates.