

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086
(For candidates admitted during the academic year 2011– 2012 & thereafter)

SUBJECT CODE: 11ZL/MC/AB64

B. Sc. DEGREE EXAMINATION APRIL 2016
BRANCH VI.A. ADVANCED ZOOLOGY & BIOTECHNOLOGY
SIXTH SEMESTER

COURSE : MAJOR CORE
PAPER : ANIMAL BEHAVIOUR
TIME : 3 HOURS **MAX. MARKS: 100**

SECTION – A

ANSWER ALL QUESTIONS : **(10 X 3 = 30)**

1. Define a) Alloparent b) Bout
2. State the differences between Polygyny and Polyandry.
3. Give any three functions of Territory.
4. Differentiate between Broca's area and Wernick's area.
5. Explain the different stages of sleep.
6. State the conditions required for successful mating.
7. Comment on : a) Anxiety disorder b) Psychoactive drugs c) Brood Parasitism
8. Differentiate between FAP and IRM.
9. Give one example for each of the following:
a) Homing b) Aggregation c) Tactile communication
- 10) State any three attributes of Play Behaviour.

SECTION – B

ANSWER ANY FIVE QUESTIONS : **(5 X 6 = 30)**

11. Explain Sign Stimulus with suitable example.
12. Describe communication in honey bees.
13. Define courtship and comment on the types of parental care exhibited by animals.
14. Comment on the predatory and anti- predatory behavior exhibited by animals.

15. Write a short note on maintenance and related behaviors.
16. Explain homing behavior in animals with suitable examples.
17. Discuss the various abnormal behavior exhibited by animals. Add a note on its causes and prevention.

SECTION – C

ANSWER ANY TWO QUESTIONS :

(2 X 20 = 40)

18. Enumerate on the various methods employed to study the behaviour of animals.
19. Discuss the various types of communication in animals with suitable examples. Add a note on the social organization in primates.
20. Write an essay on Migration in animals. Add a note on the factors that stimulate migration.
21. Define Learning and add a note on the various forms of learning behaviour.
