

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

SUBJECT CODE: 11ZL/MC/AB64

B. Sc. DEGREE EXAMINATION APRIL 2014
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. Distinguish between primer and releaser.
2. Define Mutualism. Mention its significance
3. Name any three cues used by the animals for navigation.
4. What is Kleptoparasitism?
5. Comment on the role of hormones in aggressive behaviour.
6. Expand the following.
a. FAP b REM c. ASE
7. Define Meta communication. Give an example.
8. Mention any three psychoactive drugs and their impact on human behavior.
9. Comment on the costliest type of locomotion.
10. Write short notes on Sign stimulus.

SECTION – B

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

11. Explain the Auditory communication in animals with suitable examples.
12. Describe any six types of shelter seeking and construction behaviour in animals.
13. Briefly discuss the role of hypothalamus in behaviour.
14. Explain the Optimality theory of foraging.
15. “Behaviour is controlled by genes”. Justify this with three suitable examples.
16. Highlight the general attributes of play behaviour.
17. Describe the abnormal behaviours exhibited by the animals in the zoo.

SECTION – C

ANSWER ANY TWO QUESTIONS :

(2 X 20 = 40)

18. Give an account of Courtship behaviour.
 19. Discuss in detail various methods adopted to study the behaviour of animals
 20. Explain the different forms of learning with suitable examples
 21. Describe the various predatory and antipredatory tactics exhibited by the animals during the act of predation.
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