

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI - 600 086
(For candidates admitted during the academic year 2019– 2020 & thereafter)

B. Sc. DEGREE EXAMINATION - APRIL 2024
BRANCH VI.A. ADVANCED ZOOLOGY & BIOTECHNOLOGY
SIXTH SEMESTER

COURSE : MAJOR CORE
PAPER : ANIMAL BEHAVIOUR
SUBJECT CODE : 19ZL/MC/AB64
TIME : 3 HOURS **MAX. MARKS: 100**

SECTION – A

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

1. Define Ethogram.
2. Give the role of IRM in behaviour.
3. What is Chronobiology?
4. Categorise the types of nests made by birds.
5. Enumerate the advantages and disadvantages of tactile communication
6. Differentiate between Classical and Operant conditioning.
7. Comment on caching behaviour in animals.
8. Enlist the symptoms of Bipolar disorder.
9. List the causes for abnormal behaviour in animals
10. What are the benefits of Behavioural enrichment?

SECTION – B

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

11. Explain Fixed Action Pattern (FAP) with examples.
12. Discuss the Sleep Rhythms in animals.
13. Give a brief account on the visual signals and its role in animal communication.
14. Brief the different categories of Psychoactive drugs and provide examples of each.
15. Enumerate Five Freedoms that outline the welfare of animals under human care.
16. Highlight the significance of homing and territoriality.
17. Write about Breeding Patterns.

SECTION – C

ANSWER ANY TWO QUESTIONS **(2 X 20 = 40)**

18. How do animals engage in Play Behaviour and their role in development and social interactions?
19. Discuss the types of interspecific behaviour in animals with examples
20. Elaborate on the methods of studying animal behaviour in the wild.
21. Explain the hormonal changes and their relation to the development of Pre-Menstrual Syndrome.
