

**STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086**  
(For candidates admitted from the academic year 2005 – 2006 & thereafter)

**SUBJECT CODE : ZL/MC/AB44**

**B. Sc. DEGREE EXAMINATION, APRIL 2007**  
**BRANCH VI.A. – ADVANCED ZOOLOGY AND BIOTECHNOLOGY**  
**FOURTH SEMESTER**

**COURSE : MAJOR – CORE**  
**PAPER : ANIMAL BEHAVIOUR**

**TIME : 3 HOURS** **MAX. MARKS : 100**

**SECTION – A**

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

1. Define FAP.
2. Mention some ways of presenting data in Animal Behaviour.
3. Explain homing.
4. Indicate the types of rhythms.
5. Explain swarming with an example.
6. Enlist different breeding patterns
7. Give three examples for psychoactive drugs.
8. Distinguish between obsessive and compulsive disorder.
9. Highlight any three causes of abnormal behaviour.
10. What is Schizophrenia?

**SECTION – B**

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

11. Define behaviour and its significance.
12. Briefly explain the concept of evolution of behaviour.
13. Illustrate parental care with any three examples..
14. How do the hormone neurochemicals influence behaviour.
15. Highlight the different types of abnormal behaviour in man.
16. Highlight the attributes of play behaviour with examples.
17. Write a short note on neurotransmitters.

**SECTION – C**

**ANSWER ANY TWO QUESTIONS:**

**(2 X 20 = 40)**

18. Explain in detail the different forms of learning.
19. Write notes on migration in birds.
20. Describe the modes and mechanisms of communication.
21. Highlight the significance of interspecific behaviour.

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