

## Question bank:

### F.Y.B.Sc.: Course I [Second Semester Examination]

#### A. Short question (7/8 marks each)

1. Environmental influence on behavior. Add a note on any one example of imprinting.
2. Types of representations in learned behavior.
3. Sensitive period during development of behavior in animals (imprinting).
4. Write any three theories of behavioral development add a note on equifinality.
5. Give any two examples of learning to avoid enemy.
6. Explain classical conditioning
7. What is insight learning, explain with a suitable example.
8. Differentiate Batesian and Mullerian mimicry with suitable examples.
9. Explain innate behavior with a suitable example.

#### B. Write short notes on (any three) (4 or 3 marks each)

1. 'Punishment' in instrumental learning
2. 'Shaping' in operant behavior
3. Habituation
4. Freezing posture.
5. Protean display.
6. Types of food in learning to avoid sickness
7. Insight learning
8. Positive and negative punishment in operant behavior.

**F.Y.B.Sc. Course-I, Semester-II**

9. 'Law of effect' on instrumental learning
10. Difference between UCS and CS in classical conditioning
11. Write in brief operant behavior and shaping
12. Describe the Pavlov's classical conditioning add a note on acquisition and extinction.
13. Innate behavior
14. Learning to avoid sickness
15. Filial imprinting
16. Imprinting to odor
17. Epigenesis
18. Maturation in behavioral development
19. Types of embryos in development of behavior
20. Batesian mimicry
21. Mertensian mimicry
22. Protean display
23. Mullerian mimicry
24. Acquisition
25. Extinction
26. Warning signals
27. Fixed ratio and fixed interval schedule in operant behavior
28. Generalization
29. Positive reinforcement in instrumental learning
30. Negative reinforcement in instrumental learning

**C. Write in one sentence/ define (one mark each)**

1. Automimicry
2. Shaping
3. Autoshaping
4. IRM
5. FAP
6. Explicit representation
7. Declarative representation
8. Procedural representation
9. Altricial embryo
10. Precocial embryo

**F.Y.B.Sc. Course-I, Semester-II**

11. Equifinality
12. Generalization
13. Reinforcement
14. Shaping
- 15.

VPM'S B N Bandoḁkar College of Science, Thane

Prof. S. D. Rathod  
Dept. of Zoology  
B. N. Bandoḁkar College of Science, Thane