SECTION – A

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

1. Define a) Motivation b) Behaviour
2. Distinguish giving a suitable example a) Imprinting and   b) Instinctive behaviour
3. Give an example for a) Basking   b) Anadromous c) FAP
4. Distinguish and give the significance of Dust bathing and Preening.
5. What are the following a) Limbic system   b) Radio telemetry   c) Sign stimulus
6. What is Celestial navigation? Enlist any two examples.
7. Match the following
   a) Jane Goodall   (i) Imprinting
   b) Konrad Lorenz   (ii) Conditioned reflex
   c) Ivan Pavlov   (iii) Chimpanzee
8. What is RAS? Highlight its role.
9. a) Bats use _____ as a form of communication.
   b) Chemical signals used predominantly in insects are the _____.
   c) Displays are a type of _____ communication.
10. Define a) Rhythms b) Zeitgebers

SECTION – B

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

11. Define Communication. Explain visual communication with reference to Honey Bees.
12. Explain Sign stimulus with any two examples.
13. Give an account of foraging behaviour in animals.
14. What are the methods used to locate animals in the wild.
15. Enumerate any three types of abnormal behavior in animals in Zoo's.
16. Discuss any three hunting and capture methods in predation giving one suitable
    example for each.
17. What is Mechanoreception? Explain the same with three examples.

SECTION – C

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

18. Draw & describe the structure of the cerebral cortex and its role in behavior.
19. Enumerate the attributes of Play.
20. Describe social organization in primates with appropriate examples.
21. Describe the five different forms of shelters and constructions, giving two examples for each, drawing diagrams wherever necessary.

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