MAY 2024 **U/ID 22189/URG1A**

Time : Three hours Maximum : 75 marks

PART A — (10 × 2 = 20 marks)

Answer any TEN questions, each in 30 words.

1. Biological psychology – Explain.
2. What is limbic system?
3. Neuroglia – Explain.
4. Name the types of neurons.
5. Spinal cord – Explain.
6. What is Reticular activating system?
7. Satiety centre of the brain – Explain.
8. List out the functions of the axon.
9. What is the work of efferent axon?
10. What is axon sprouting?
11. Spinal reflexes – Define.
12. Seat of emotion – Explain.

PART B — ($5 \times 5 = 25$ marks)

Answer any FIVE questions, each in 200 words.

13. Explain the approaches to biopsychology.

14. Give a short note on the evolution of the large brain in humans.

15. Describe the structure and functions of the forebrain.

16. Describe examples of nonsynaptic communication.

17. Summarize the series of ion movements during the action potential.

18. Write about a learning disability.

19. Discuss the neural structures involved in emotional behaviour.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions, each in 500 words.

20. Describe the approaches and levels of analysis in biological psychology.

21. Summarize the structures of neurons, including their general functions.

22. Elaborate on the structure and functions of the spinal cord.

23. Compare the central and peripheral vision, including receptive fields and eye movements.

24. Summarize the James-Lange theory of emotion.

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