DECEMBER 2022 **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. What does the physiological explanation of behaviour relate to and deal with?

2. Define Dualism. Who supported the idea?

3. Enlist the forms of monism.

4. What are the major components of a Neuron?

5. What is electrical gradient?

6. What is sodium-potassium pump?

7. What do you mean by hyperpolarization and depolarization?

8. Expand CNS, PNS and ANS.

9. What are the structures of the limbic system?

10. What is phrenology? Who introduced it?

11. What is Ischemia?

12. What is Behavioural Inhibition system?

PART B — (5 × 5 = 25 marks)

Answer any FIVE questions, each in 200 words.

13. Discuss the effects of brain stimulation.

14. What are the career opportunities in biological psychology?

15. Write notes on ventricles.

16. Explain the types and functions of glial cells.

17. Describe the effects of brain damage on language.

18. Elucidate upon Phantom limb pain.

19. Explain the functions of emotion.

PART C — (3 × 10 = 30 marks)

Answer any THREE questions, each in 500 words.

20. Discuss the various methods of recording brain activity.

21. Narrate the structure and parts of the brain.

22. Explain the structure and functions of the autonomic nervous system.

23. Explain in detail about the concept of the synapse and the chemical events in it.

24. Narrate in detail about plasticity after brain damage.

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