DECEMBER 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. Define Biological Psychology.
2. Expand MRI, PET, CBF, and CT.
3. What are Spinal Nerves?
4. Mention the four lobes of the Cerebral Cortex.
5. What are Neurons?
6. What is the Resting Potential?
7. What is the function of Myelin Sheath?
8. What happens in the corpus callosum is cut?
9. Define Dyslexia.
10. What does Axon sprouting mean?
11. Mention the primary brain areas associated with emotions.
12. What are Attack behaviours?

PART B — ($5 \times 5 = 25$ marks)

Answer any FIVE questions each in 200 words.

13. What are the career opportunities available for Biological Psychology?

14. Explain the structure of the Spinal Cord.

15. Write notes on Ventricles.

16. Write about Glial cells.

17. What are the visual connections to the right and left hemispheres?

18. Explain the concepts of Phantom Limb.

19. Describe the functions of emotions.

PART C — ($3 \times 10 = 30$ marks)

Answer any THREE questions each in 500 words.

20. Give a detailed account on the various ways of recording brain activity.

21. Explain the parts and functions of the Brain.

22. Elucidate upon the action potential of the Neuron.

23. Elaborate upon Brain Plasticity.

24. Narrate the functions of the Autonomic Nervous system during emotional arousal.

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