MAY 2023 **U/ID 22189/URG1A**

Time : Three hours Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer any TEN questions each in 30 words.

1. Define biological psychology.
2. What are neutrotransmitters?
3. How do neurons communicate with one another?
4. Explain the endocrine system.
5. What is the role of the cerebral cortex?
6. Explain nerve impulse.
7. What is brain plasticity?
8. Reticular activating system — Explain.
9. Explain phantom limb.
10. List out the causes of language disorders.
11. Define anxiety.
12. Define emotion.

SECTION B — (5 × 5 = 25 marks)

Answer any FIVE questions each 200 words.

13. How brain and behaviour are related? Explain.

14. Discuss how the human brain evolved.

15. Explain the role of neutrotransmitters in the nervous system.

16. Write the neurophysiology of arousal.

17. Briefly explain the functions of Glial cells.

18. What are the neurological bases of aphasia? Explain.

19. Give a short note on attack behaviours.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions each 500 words.

20. Describe the approaches of recording brain activity.

21. Describe the brain structures in detail.

22. Explain the resting and action potentials.

23. Examine about Brain Plasticity.

24. Bring out the psychophysiology of emotions.

———————