

25U220S

(Pages: 2)

Name:

Reg.No:

SECOND SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2026

(CBCSS - UG)

CC19UPSG2C01 - HUMAN PHYSIOLOGY - II

(Physiology - Complementary Course)

(2019 to 2023 Admissions - Supplementary)

Time : 2.00 Hours

Maximum : 60 Marks

Credit : 3

Part A (Short answer questions)

Answer *all* questions. Each question carries 2 marks.

1. Sympathetic Nervous System.
2. Dendrite.
3. Schwann cells.
4. Synaptic vesicles.
5. Ventricles.
6. Cerebellar reflex.
7. Granular cell.
8. Functions of neocerebellum.
9. Basal ganglia.
10. Information consolidation theory of sleep.
11. Brain waves.
12. Brain imaging.

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

Answer *all* questions. Each question carries 5 marks.

13. Role of calcium ions in synaptic transmission.
14. Gray matter of spinal cord.
15. Role of basal ganglia for cognitive control.
16. Basal ganglia and neurotransmitters.
17. Area of the brain for recognition of faces.

18. Functions of the brain in communication.
19. Lesioning and Electrical Stimulation of Brain.

(Ceiling: 30 Marks)

Part C (Essay questions)

Answer any *one* question. The question carries 10 marks.

20. Give an account on nerve impulse.
21. Explain cerebral cortex in detail.

(1 × 10 = 10 Marks)
