

23U218

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Name:

Reg.No:

SECOND SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2024

(CBCSS - UG)

(Regular/Supplementary/Improvement)

CC19U PSG2 C01 - HUMAN PHYSIOLOGY - II

(Physiology - Complementary Course)

(2019 Admission onwards)

Time : 2.00 Hours

Maximum : 60 Marks

Credit : 3

Part A (Short answer questions)

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

1. Nerves.
2. Resting potential.
3. Synaptic vesicles.
4. Rhombencephalon.
5. Marginal nucleus.
6. Inborn reflex.
7. Flocculonodular lobe.
8. Functions of spinocerebellum.
9. Chorea.
10. Prosopagnosia.
11. Dyslexia.
12. Information consolidation theory of sleep.

(Ceiling: 20 Marks)

Part B (Short essay questions - Paragraph)

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

13. Central nervous system.
14. Role of calcium ions in synaptic transmission.
15. Structure of basal ganglia.
16. Role of basal ganglia for cognitive control.

17. Concept of dominant hemisphere.
18. Explain brain waves.
19. Lesioning and Electrical Stimulation of Brain.

(Ceiling: 30 Marks)

Part C (Essay questions)

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

20. Explain cerebral cortex in detail.
21. Give an account on brain imaging techniques.

(1 × 10 = 10 Marks)
