

C 23893

(Pages : 2)

Name.....

Reg. No.....

SECOND SEMESTER (CBCSS-UG) DEGREE EXAMINATION, APRIL 2022

Psychology

PSG 2C 01—HUMAN PHYSIOLOGY—II

(2019—2020 Admissions)

Time : Two Hours

Maximum : 60 Marks

Part A*Answer **all** questions in a sentence.**Each question carries 1 mark.*

1. Reflex.
2. Broca's area.
3. CT scan.
4. Cerebellum.
5. Neuroglia.
6. Synapse.
7. Limbic area.
8. Motor neuron.
9. Lesion.
10. REM sleep.

(10 × 1 = 10 marks)

Part B*Write short notes on any **five**.**Each question carries 2 marks.*

11. MRI.
12. Post synaptic neuron.
13. Somatic nervous system.
14. REM sleep.

Turn over

15. EEG.
16. Serotonin.
17. Synaptic transmission.
18. Hind brain.
19. Face recognition.
20. Sensory and motor neuron.

(5 × 2 = 10 marks)

Part C

*Answer any **five** questions in a paragraph.*

Each question carries 4 marks.

21. Lesioning and electrical stimulation of brain.
22. Functions of neurotransmitters with basal ganglia.
23. Types of reflex.
24. Structure and organization of spinal cord.
25. Brain waves.
26. Motor functions of basal ganglia.
27. Concept of dominant hemisphere.
28. Role of basal ganglia in cognitive control.

(5 × 4 = 20 marks)

Part D (Essay questions)

*Answer any **two** questions.*

Each answer carries 10 marks.

29. Elaborate on neural transmission.
30. Explain the function of cerebellum in overall motor control.
31. Discuss on different techniques used in brain imaging.
32. Detail on the reflex action.

(2 × 10 = 20 marks)