

D 124486

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Name.....

Reg. No.....

**SECOND SEMESTER (CBCSS—UG) DEGREE [SUPPLEMENTARY]
EXAMINATION, APRIL 2025**

Psychology

PSG 2C 01—HUMAN PHYSIOLOGY—II

(2019 Syllabus)

Time : Two Hours

Maximum : 60 Marks

Draw neat labelled diagrams wherever needed.

A. One Sentence :

- 1 Name the division of the nervous system responsible for the “fight or flight” response.
- 2 Name the term for the junction between two neurons.
- 3 Components of the autonomic nervous system.
- 4 Name the Part of the brain is responsible for maintaining balance and coordination.
- 5 Name of the fluid-filled spaces within the brain that produce cerebrospinal fluid.
- 6 Neurotransmitter associated with muscle contraction.
- 7 Name one Neurotransmitter in CNS.
- 8 Part of the brain controlling heart rate and breathing.
- 9 Recording of electrical activity of brain is known as.
- 10 Name the Insulating layer seen around the axon.

(10 × 1 = 10 marks)

B. Short Answer (Any five) :

- 11 List the functions of Basal ganglia.
- 12 Functions of Wernicke’s and Broca’s areas
- 13 Receptors.
- 14 Functions of CSF
- 15 Parkinson’s disease.

Turn over

- 16 Reflex action
- 17 Functions of parietal Lobe.
- 18 Define Synapse.
- 19 EEG and its Waves.
- 20 Functions of oligodendroglia.

(5 × 2 = 10 marks)

C. Paragraph Type (Any *five*) :

- 21 Functions of limbic system.
- 22 Receptor.
- 23 Reflex arc.
- 24 REM and Non-REM Sleep.
- 25 Nerve impulse.
- 26 Autonomic nervous system.
- 27 Muscle spindle.
- 28 Functions of Cerebral cortex.

(5 × 4 = 20 marks)

D. Essay (Any *two*) :

- 29 Define sleep, what are the types of sleep. Add notes on theories of sleep.
- 30 Explain the connections and functions of cerebellum.
- 31 List the nuclei of basal ganglia. Describe the direct and indirect pathway.
- 32 Describe the functions of association cortex.

(2 × 10 = 20 marks)