C 22106 (Pages : 2) Name...

Reg. No.......................................

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

Psychology

PSG 2C 01—HUMAN PHYSIOLOGY—II

(2021 Admissions)

Time : Two Hours Maximum : 60 Marks

Section A

Answer **all** *questions.*
Each question carries 1 *mark.*

1. Which cells are activated in the CNS in response to injury ?

2. Which is the functional unit of nervous system ?

3. What is a ganglion ?

4. The largest part of forebrain is —————————.

5. What connects cerebellum with spinal cord ?

6. What is action potential ?

7. Which is the site of communication between 2 neurons or between neuron and effector cells ?

8. ————————— is an inflammation of the meningeal layers that is caused by either a bacterial or viral infection.

9. ————————— Neurotransmitter acts as a ferry service in the synaptic gap

10. What are nociceptors ?

(10 × 1 = 10 marks)

Section B

Answer atleast **five** *questions.*
Each question carries 2 *marks.*
All questions can be attended.
Overall ceiling 10.

11. Brain imaging.

12. Microglia.

16. Medulla.

17. Basal ganglia.

Turn over

13. Ependyma.

14. Platelets.

15. Polysynaptic reflex.

18. NREM Sleep.

19. MRI.

20. Hemispheric asymmetry.

(5 × 2 = 10 marks)

Section C

Answer atleast **four** *questions.*
Each question carries 5 *marks.*
All questions can be attended.
Overall ceiling 20.

21. Where is thalamus located ? What are its functions ?

22. Which are the three layers of spinal cord ?

23. What are the functions of Cerebrospinal fluid ?

24. Which are the three layers enclosing meninges ?

25. What are the major causes of brain lesions ?

26. Examine the language functions of the brain.

27. How does a nerve impulse is conducted ?

28. Explain the parts of cerebral cortex.

(4 × 5 = 20 marks)

Section D

Answer any **two** *questions.*
Each question carries 10 *marks.*

29. Draw a neat diagram of a neuron and explain its structure.

30. Elucidate the reflex action.

31. Examine the sensory and motor aspects of communication.

32. Explain the basic theories of sleep.

(1 × 10 = 20 marks)