

C 41371

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Name.....

Reg. No.....

**FOURTH SEMESTER (CBCSS—UG) DEGREE EXAMINATION
APRIL 2023**

Psychology

PSG 4C 01—HUMAN PHYSIOLOGY—IV

(2019 Admission onwards)

Time : Two Hours

Maximum : 60 Marks

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

1. What is Insulin?
2. Which are the hormonal regulators of Glucose metabolism ?
3. What is Bulimia ?
4. What is Menopause ?
5. In _____ disorder patients often have impairments in ability to identify and interpret emotional stimuli.
6. The _____ formation is an extension of the medial edge of the temporal lobe.
7. _____ lies at the center of the limbic system and is at the confluence of many neural pathways.
8. Which is the entire neuronal circuitry that controls emotional behaviour and motivational drives ?
9. What are neurotoxins ?
10. _____ is inflammation of the brain mainly caused by a viral infection.

(10 × 1 = 10 marks)

Turn over

Section B (Short Answers)

*Answer any **five** questions
Each question carries 2 marks.*

11. Glucose.
12. Obesity.
13. Glycogenolysis.
14. Pica.
15. Progesterone.
16. Rage.
17. Emotion.
18. Meningitis.
19. Grand Mal Epilepsy.
20. Sclerosis.

(5 × 2 = 10 marks)

Section C

*Answer in a Paragraph.
Answer any **five** questions.
Each question carries 4 marks.*

21. Which are the neural centers that influence the mechanical process of feeding ?
22. How can we treat obesity ?
23. What are the Actions of estrogen in human body ?
24. What is the role of amygdala in emotional information processing ?
25. Differentiate placidity and tameness.
26. What is the role of prefrontal cortex in emotions ?
27. What are the symptoms of Alzheimer's disease ?
28. Which are the early signs and Symptoms of Multiple sclerosis ?

(5 × 4 = 20 marks)

Section D (Essay Questions)

*Answer any **two** questions.*

Each question carries 10 marks.

29. Examine the factors that regulate the quantity of food intake.
30. What are the neural mechanisms involved in sexual behaviour ? Explain.
31. What is the role of Limbic system in controlling emotions ?
32. What are the causes of brain damage ?

(2 × 10 = 20 marks)