

C 21655

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Name.....

Reg. No.....

**FOURTH SEMESTER (CBCSS-UG) DEGREE EXAMINATION, APRIL 2022**

Psychology

PSG 4C 01—HUMAN PHYSIOLOGY—IV

(2019 Admission onwards)

Time : Two Hours

Maximum : 60 Marks

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

1. Osmotic thirst.
2. Multiple sclerosis.
3. Neuroplasticity.
4. Testosterone.
5. Parkinson's disease.
6. Amino acid.
7. Ischemia.
8. Cholecystokinin.
9. Preoptic nucleus.
10. Cachexia.

(10 × 1 = 10 marks)

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

11. Inanition.
12. Huntington's disease.

**Turn over**

13. Frohlich's syndrome.
14. Wolffian ducts.
15. Obesity.
16. Neurotoxins.
17. Testosterone.
18. Hypovolemic thirst.
19. Amino acids.
20. Picca.

(5 × 2 = 10 marks)

### Section C

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

21. Role of amygdala in emotions.
22. Neural control of food intake.
23. Physiological basis of thirst.
24. Developmental aspects of sexual behaviour.
25. Role of hypothalamus in sexual behaviour.
26. Influence of hormone in puberty.
27. Role of frontal lobe in emotions.
28. Cerebrovascular disorders.

(4 × 5 = 20 marks)

**Section D**

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

29. Explain epilepsy and its types.
30. Discuss the physiological basis of hunger.
31. Elaborate on functioning of gonadal hormones
32. What are the causes of brain damage ?

(2 × 10 = 20 marks)