

D 104714

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Name.....

Reg. No.....

**FOURTH SEMESTER INTEGRATED P.G. DEGREE (REGULAR/
SUPPLEMENTARY/IMPROVEMENT) EXAMINATION, APRIL 2024 [FOR 2021
AND 2022 ADMISSIONS] AND FOURTH SEMESTER INTEGRATED P.G.
SUPPLEMENTARY/IMPROVEMENT EXAMINATION, APRIL 2023
{FOR 2020 ADMISSIONS}**

M.Sc. Psychology

PSG4 IC01—HUMAN PHYSIOLOGY – IV

Time : Two Hours and a Half

Maximum : 80 Marks

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

1. Peptide YY.
2. Multiple sclerosis.
3. Gonads.
4. Testosterone.
5. estrogen.
6. Amino acid.
7. Amygdala.
8. Cholecystokinin.
9. Fetal hormones.
10. Cachexia.

(10 × 1 = 10 marks)

Part B*Answer **all** questions. Write short notes. Each carries 2 marks.*

11. Anterograde amnesia.
12. Huntington's disease.
13. Obesity.
14. Wolffian ducts.
15. Apoptosis.

Turn over

16. Neurotoxins.
17. Hypothalamus.
18. Hypovolemic thirst.
19. Alzheimer's disease.
20. Picca.

(10 × 2 = 20 marks)

Part C

*Answer any **six** questions in a paragraph.
Each answer carries 5 marks.*

21. Neuropsychological disorders.
22. Neural control of food intake
23. Write notes on epilepsy and its types
24. Developmental aspects of sexual behaviour.
25. Role of hormones in food intake
26. Influence of hormone in puberty
27. Regulation of food intake
28. Cerebrovascular disorders.

(6 × 5 = 30 marks)

Part D

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

29. Elaborate on feeding centers in the brain.
30. Discuss the physiological basis of hunger.
31. Explain the dynamics of sexual behaviour.
32. What are the causes of brain damage ?

(2 × 10 = 20 marks)