

FOURTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2025

(Regular/Improvement/Supplementary)

PSYCHOLOGY

GPSY4C07T: HUMAN PHYSIOLOGY IV

Time: 2 Hours

Maximum Marks: 60

SECTION A: Answer the following questions. Each carries *two* marks.

(Ceiling 20 marks)

1. What are the symptoms of Anorexia?
2. Define puberty.
3. Comment on hypovolemic thirst.
4. What is rage?
5. How is epilepsy diagnosed?
6. What are punishment centers?
7. What is multiple sclerosis?
8. How does apoptosis damage the brain?
9. Enumerate female gonadal hormones.
10. Differentiate between positive emotions and negative emotions.
11. What is Huntington's disease?
12. How is Japanese encephalitis transmitted?

SECTION B: Answer the following questions. Each carries *five* marks.

(Ceiling 30 marks)

13. Discuss the role of testosterone in differentiating the sex of a fetus.
14. State the role of kidney in water regulation.
15. Give an account on the causes and treatment of obesity.
16. Discuss the role of frontal lobes in emotion.
17. Write a brief note on brain tumors.
18. State the importance of limbic system in emotion.
19. Briefly discuss the role of the hypothalamus in the generation of thirst.

SECTION C: Answer any *one* question. The question carries *ten* marks.

20. Discuss short-term and long-term regulations of food intake.
21. Describe the differences between male and female brains.

(1 × 10 = 10 Marks)