

FOURTH SEMESTER B.Sc. DEGREE EXAMINATION, APRIL 2024

(Regular/Improvement/Supplementary)

PSYCHOLOGY

GPSY4C07T: HUMAN PHYSIOLOGY IV

Time: 2Hours

MaximumMarks: 60

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

(Ceiling 20 Marks)

1. Define circumventricular organ.
2. What is obesity?
3. Write a brief note on reward centres in the brain.
4. What is the role of oral receptors in the short-term regulation of feeding?
5. Mention the significance of the frontal lobe of human brain.
6. What is menarche?
7. Comment on anorexia.
8. Write a short note on rage.
9. Correlate temperature with feeding.
10. What is cellular dehydration thirst?
11. Write a brief note on neurotoxins.
12. What is the cause of diabetes insipidus?

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

(Ceiling 30 Marks)

13. Explain the causes and symptoms of Huntington's disease and Multiple sclerosis.
14. Explain the Renin-Angiotensin system.
15. Discuss various cerebrovascular disorders.
16. Explain the role of the hypothalamus in emotion.
17. Differentiate between male and female brains.
18. Discuss the symptoms and causes of Alzheimer's disease.
19. What is epilepsy? Write an account on different types of epilepsy.

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

20. Discuss the characteristics of puberty in males and females.
21. Discuss the role of hormones in the regulation of food intake.

(1 x 10 = 10 Marks)