

THIRD SEMESTER B.Sc. DEGREE EXAMINATION, NOVEMBER 2022

(Regular/Improvement/Supplementary)

PSYCHOLOGY

GPSY3C05T: HUMAN PHYSIOLOGY

Time: 2 Hours

Maximum Marks: 60

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

(Ceiling 20 Marks)

1. Define Nyctalopia.
2. What are stratoreceptors?
3. List out the major hearing abnormalities.
4. Describe the organization of olfactory membrane.
5. Define endocrinology.
6. What is position sensory receptor?
7. Why pituitary gland is considered as the master gland?.
8. What is meant by negative feedback? Give one example.
9. Explain taste preference.
10. Write short note on tactile receptors.
11. Describe mode of action of hormones.
12. Define threshold.

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

(Ceiling 30 Marks)

13. Describe the structure of human eye.
14. Discuss the anatomy of taste buds and its functions.
15. Write an account on transmission of smell signals to central nervous system.
16. Elaborate on thermal sensation.
17. What is pain? Discuss the different types of pain.
18. Elaborate the theories of color vision.
19. Write an account on sensory pathways for transmitting for somatic signal to the central nervous system.

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

20. Explain the anatomy of human auditory system with a label diagram
21. Discuss the major endocrine glands, their location and structure. Mention the hormones secreted by them.

(1 × 10 = 10 Marks)