Reg. No…… Name…… **24UH1044**

BA/BSC/BCOM DEGREE END SEMESTER EXAMINATION - NOVEMBER 2024

UGP (HONS.) SEMESTER - 1: DISCIPLINE SPECIFIC COURSE (PSYCHOLOGY)

COURSE: 24UZOODSC111: INTRODUCTION TO PHYSIOLOGICAL PSYCHOLOGY

(For Regular 2024 Admission)

Time : 1.5 Hours Max. Marks : 50

PART - A

Answer any 10 questions. Each question carries 1 mark

1. Name the basic structural and functional unit of the nervous system.
2. The spinal cord is a part of which nervous system.
3. Audible range of sound.
4. Name the 2 types of Amnesia.
5. Photoreceptors cells in Eye.
6. Name a neurotransmitter that can have only inhibitory effect at receptor sites.
7. Habituation.
8. Second Brain.
9. Name the 3 major processes involved in Memory
10. Accommodation.
11. Bones in ear ossicles.
12. Name the category of neuropeptides that were first discovered in the gut.

(1 x 10 = 10)

PART B

Answer **all 6** questions. Each question carries **1** marks

13. Wernick's area.
14. Differentiate between Myopia & Hypermetropia.
15. Mention the functions of Occipital lobe.
16. Organ of Corti.
17. Mention the 3 types of Sensory memory.
18. What are interneurons? **(1 x 6= 6)**

PART C

Answer **all 3** questions. Each question carries **3** marks

19. Describe about Neuroglial cells.
20. Explain the Symptoms of Alzheimer's Disease.
21. With the help of Diagram explain the structure of human eye.

(3 x 3 = 9)

PART D

(Answer **any 5** questions. Each question carries **2** marks)

22. Mention the functions of the 2 components of Vestibulococchlear nerve
23. Explain the different types of Neurons
24. How sympathetic system prepares the body for flight or fight response.
25. Describe about different structures of Midbrain.
26. Differentiate between Rod & Cone cells
27. Write a note on the structure of Hippocampus

(5 x 2 = 10)

PART E

(Answer any 3 questions. Each question carries 5 marks)

28. Write a detailed account of different parts of Hindbrain.
29. Explain the factors that contribute to the maintenance of resting membrane potential.
30. Explain the Visual pathway with diagram.
31. Write a note on various memory disorders.

(5 x 3 = 15)