

Reg. No..... Name.....

BA B Sc BCom DEGREE END SEMESTER EXAMINATION – NOVEMBER 2025
 UGP (HONS.) SEMESTER -1: DISCIPLINE SPECIFIC COURSE
 COURSE : 24UZOODSC111: INTRODUCTION TO PHYSIOLOGICAL PSYCHOLOGY
 (For Regular 2025 & Improvement/Supplementary 2024 Admission)

Time:1.5 Hours

Maximum Marks:50

Section–A

(Answer all 10 questions. Each question carries 1 mark)

1. Which cell is called Macrophages of Central Nervous system? (CO1, An)
 2. Power of Accommodation (CO2 ,R)
 3. Name the neuropeptide that was first discovered in the gut. (CO1 , U)
 4. Reverberating circuit theory of memory formation. (CO3 , U)
 5. Brodmann's Area 4 is also known as (CO2 , E)
 6. Cranial nerves seen associated with Parasympathetic Nervous system (CO1 , An)
 7. Primary motor cortex is located in which lobe of the cerebrum? (CO3 , An)
 8. Neurotransmitters involved in Learning & Memory. (CO3,E)
 9. Which nervous system is called The Second Brain? (CO3 ,U)
 10. Name the parts of the brain that forms the brain stem. (CO1 , R)
- (10 x 1=10)

Section –B

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

11. Differentiate between Rods & Cones . (CO2 , An)
 12. Discuss about different types of Neuroglial cells (CO1 ,U)
 13. Discuss the importance of Frontal lobe (CO1,E)
 14. Explain the structure of Hippocampus. (CO2 , An)
 15. Write a note on Physiological changes during learning. (CO3 , E)
 16. Explain the Visual pathway with diagram. (CO2 ,U)
- (5 x 2=10)**

Section - C

(Answer any 4 questions. Each question carries 5 Marks)

17. Explain the structure of neuron with diagram.
 18. Explain the ionic distribution & ion channels during Depolarisation, Repolarisation & Hyperpolarisation. (CO1, E)
 19. Discuss the anatomical changes that occur during memory consolidation (CO3,U)
 20. Write a note on structure of Eye with diagram. (CO2,U)
 21. Briefly explain causes & symptoms of Alzheimer's Disease. (CO3,U)
 22. Explain the different types of neurotransmitters based on function. (CO1,An)
- (5x4=20)

Section –D

(Answer **any 1** question. Each question carries **10**marks)

23. Write a detailed account on Impulse transmission along a neuron . (CO1,U)
24. Write a note on various memory disorders. (CO3,U)
- (1 x 10 = 10)**