



23127276

QP CODE: 23127276

Reg No :

Name :

**B.Sc DEGREE (CBCS) REGULAR / IMPROVEMENT / REAPPEARANCE
EXAMINATIONS, OCTOBER 2023**

Third Semester

B.Sc Psychology Model I

COMPLEMENTARY COURSE - PY3CMT08 - NEUROPHYSIOLOGY OF BEHAVIOUR I

2017 Admission Onwards

1B243A40

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. What are Voltage gated channels ?
2. What is GABA?
3. Define the term IPSP.
4. Distinguish between grey matter and white matter.
5. Define the term Hippocampus.
6. Role of mid brain in behaviour.
7. Mention the important parts of the Limbic system.
8. What are autonomic disorders ?
9. Mention the various parts of the neocortex.
10. What is Hemispherical Laterization?
11. What is Wernicke's aphasia?
12. Mention the role of sleep on memory.

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*





13. Explain how genes affect behaviour.
14. Distinguish between Satellite and Ependymal cells.
15. Describe the Cerebellum and its role in body balance.
16. What is reflex arc, mention its significance?
17. Describe the structure of medulla oblongata mention its significance in behaviour.
18. What are the functions of sympathetic nervous system?
19. Describe the sensory areas of the cerebral cortex.
20. Explain the differences of left and right hemispheres and handedness.
21. Explain the role of cortex in learning.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Explain the structure of a neuron, mention the various types of neurons.
23. Explain the structure and function of the hypothalamus and its role in the behaviour of man.
24. Describe the Autonomic Nervous system. The role of Sympathetic and Parasympathetic Nervous system on the behaviour of man.
25. Explain the surgical tests to prove the cerebral lateralization of function.

(2×15=30)

