



QP CODE: 25019622



25019622

Reg No :

Name :

**B.Sc DEGREE (CBCS)) REGULAR/ IMPROVEMENT/ REAPPEARANCE / MERCY
CHANCE EXAMINATIONS, FEBRUARY 2025**

Fourth Semester

B.Sc Psychology Model I

Complementary Course - PY4CMT11 - BIOPHYSIOLOGY OF BEHAVIOUR II

2017 Admission Onwards

4FF3DFB3

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

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

1. Write a note on interferons.
2. Define secondary lymphoid organs.
3. Define psychoneuroimmunology.
4. Write notes on parathyroid gland.
5. Write notes on pineal gland.
6. What is fight or flight response?
7. Discuss the influence of glucocorticoids on learning and memory.
8. Define learning.
9. What is memory?
10. What are NMDA receptors?
11. What is morphine?
12. Define tardive dyskinesia.

(10×2=20)

Part B

*Answer any **six** questions.*

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





13. Differentiate between humoral and cell mediated immunity.
14. Write a short note on immunosuppression.
15. Write an account on HPT axis.
16. Write an account on hormonal influence on behaviour.
17. Discuss the physiological changes during learning.
18. Discuss the triggers for memory retrieval in brain.
19. What is Dementia and how does it differ from Amnesia?
20. Briefly explain the role of blood brain barrier in brain metabolism.
21. Short note on Acetylcholine.

(6×5=30)

Part C

*Answer any **two** questions.*

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

22. Write a detailed account on humoral immune responses.
23. Write a detailed account on hypersensitivity reactions.
24. Write an essay on Behaviour (emotion) and the limbic system.
25. Explain the physiological mechanisms of memory in the brain.

(2×15=30)

