



22102783

QP CODE: 22102783

Reg No :

Name :

B.Sc DEGREE (CBCS) REGULAR EXAMINATIONS, AUGUST 2022

Fourth Semester

B.Sc Psychology Model I

Complementary Course - PY4CMT11 - BIOPHYSIOLOGY OF BEHAVIOUR II

2020 Admission Only

F76760C9

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

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

1. Write notes on inflammation.
2. Define Eosinophils.
3. What are the causes of immunosuppression?
4. What are exocrine glands?
5. Define diabetes mellitus.
6. Differentiate between sympathetic and parasympathetic nervous system.
7. Discuss the influence of ACTH and CRH on learning and memory.
8. Define learning.
9. How did neural network theory helps in understanding the mechanism of learning?
10. What are NMDA receptors?
11. Define amino acid neurotransmitters.
12. Comment on beta - endorphin.

(10×2=20)

Part B

*Answer any **six** questions.*

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





13. Briefly describe the types of hypersensitivity.
14. Give a brief account on psychoneuroimmunology.
15. Give an account on HPA axis.
16. Write an account on hormonal influence on behaviour.
17. Give an account of types of memory.
18. Discuss the triggers for memory retrieval in brain.
19. Discuss the types of Amnesia and its causes.
20. Write a short note on brain metabolism.
21. Short note on antianxiety drugs.

(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 an essay on cell mediated immune responses.
24. Write an essay on Behaviour (emotion) and the limbic system.
25. Explain the physiological mechanisms of memory in the brain.

(2×15=30)

