



QP CODE: 21102880



21102880

Reg No :

Name :

B.Sc DEGREE (CBCS) EXAMINATIONS, OCTOBER 2021

Fourth Semester

B.Sc Psychology Model I

Complementary Course - PY4CMT11 - BIOPHYSIOLOGY OF BEHAVIOUR II

2019 Admission only

6C0E6485

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

Each question carries 2 marks.

1. Name any two biological functions of cell mediated immunity.
2. What are the causes of immunosuppression?
3. Write notes on immunodeficiency.
4. Write notes on pineal gland.
5. What is fight or flight response?
6. What is hypophysial portal system?
7. Briefly discuss the influence of oxytocin on behaviour.
8. Explain the law of mass action.
9. What is meant by long term depression?
10. What is state dependent memory?
11. What is Blood Brain Barrier?
12. What are tranquilizers?

(10×2=20)

Part B

*Answer any **six** questions.*

Each question carries 5 marks.

13. Short note on biochemical factors of innate immunity.





14. Briefly describe the types of hypersensitivity.
15. Differentiate between thyroid and parathyroid glands.
16. Write a brief account on role of amygdala in emotionality.
17. Differentiate between associative and non associative learning.
18. Give an account of types of memory.
19. Explain the causes and symptoms of Alzheimer's disease.
20. Brief account on neuropeptides.
21. Discuss the importance of opiate receptor system in brain.

(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 lymphoid organs.
24. Discuss how hormones influence on learning, memory and behaviour.
25. Explain the physiological mechanisms of memory in the brain.

(2×15=30)

