



19101441

QP CODE: 19101441

Reg No :

Name :

B.Sc DEGREE (CBCS) EXAMINATION, MAY 2019

Fourth Semester

B.Sc Psychology Model I

Complementary Course - PY4CMT11 - BIOPHYSIOLOGY OF BEHAVIOUR II

2017 Admission onwards

0E67C8EE

Maximum Marks: 80

Time: 3 Hours

Part A

Answer any **ten** questions.

Each question carries **2** marks.

1. What are the functions of antibodies?
2. Name the primary lymphoid organs.
3. Write notes on biofeedback and meditation
4. What are tropic hormones?
5. Write notes on thymus gland
6. What is hypophysial portal system.?
7. Comment on the influence of oxytocin and vasopressin on learning and memory
8. Explain Hebb's Rule
9. What is meant by long term memory ?
10. Briefly discuss Demensia
11. What is Blood Brain Barrier ?
12. What is morphine?

(10×2=20)

Part B

Answer any **six** questions.

Each question carries **5** marks.

13. Briefly describe the process of phagocytosis
14. Write a short note on immunosuppression.
15. Write a short note on autonomic nervous system
16. Write an account on hormonal influence on behaviour.
17. Differentiate between associative and non associative learning





18. Describe the mechanism of Long-term Potentiation
19. Discuss the triggers for memory retrieval in brain
20. Brief account on neuropeptides.
21. Give a brief account on antidepressant drugs.

(6×5=30)

Part C

Answer any **two** questions.
Each question carries **15** marks.

22. Write an essay on cell mediated 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)

