



K25U 0848

Reg. No. :

Name :

IV Semester B.Sc. Degree (C.B.C.S.S.-OBE-Regular/Supplementary/
Improvement) Examination, April 2025

(2019 to 2023 Admissions)

COMPLEMENTARY ELECTIVE COURSE IN PSYCHOLOGY

4C04PSY : Biopsychology

Time : 3 Hours

Max. Marks : 40

PART – A
(Short Answer)

Answer all questions.

(6×1=6)

1. Poikilotherm.
2. Narcolepsy.
3. Progesterone.
4. Reward and emotion.
5. Habituation.
6. Hypothalamus.

PART – B
(Short Essay)

Answer any 6 out of 8.

(6×2=12)

7. Define Hebbian synapse.
8. Describe parental behaviour.
9. Describe Circadian rhythm.
10. Describe Bulimia nervosa.

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11. Describe onset and offset of eating.
12. Define Amnesia.
13. Describe Osmotic thirst.
14. Describe sexual differentiation.

PART – C
(Essay)

Answer any 4 out of 6.

(4×3=12)

15. Explain eating disorders.
16. Discuss Physiological measures of alertness and arousal.
17. Explain sexual response cycle.
18. Discuss role of limbic system in emotion.
19. Explain synaptic basis of learning.
20. Elucidate sex differences in brain.

PART – D
(Long Essay)

Answer any 2 out of 4.

(2×5=10)

21. Discuss role of hippocampus in learning and memory.
 22. Elaborate on sleep disorders.
 23. Describe Hemispheric specialization and role of amygdala in emotion.
 24. Explain various theories on hunger.
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