

Fourth Semester FYUGP Degree (Reg) Examination April
2026

KU4DSCPSY205 - BIOPSYCHOLOGY

2024 Admission onwards

Time : 2 hours

Maximum Marks : 70

Section A

Answer any 6 questions. Each carry 3 marks.

1. Define Psychophysiology
2. Describe Comparative psychology
3. Define ectotherm
4. What is stage IV sleep
5. Define REM sleep
6. Define endocrine glands with an example.
7. What is the role of adrenaline
8. What are mood disorders

Section B

Answer any 4 questions. Each carry 6 marks.

9. Discuss the role of motor cortex in movement control.
10. Discuss movement disorders arising from brain dysfunction
11. illustrate the biological basis of learning
12. Explain the hormonal regulation of male sexual behaviour.
13. Explain the biological basis of psychological disorders with reference to psychoses, mood disorders, and personality disorders.
14. Describe sexual disorders, their causes, and biological basis.

Section C

Answer any 2 questions. Each carry 14 marks.

15. Discuss the role of cortical and subcortical structures in motor control
16. Explain the auditory system with reference to its neural pathway. Discuss the major auditory disorders and their impact on hearing.
17. Explain the main divisions of the brain and their functions in simple terms