

St. Clare College

Autonomous, Bengaluru

ROLL NO:

DATE:

PG END SEMESTER EXAMINATION-FEB 2025

M.Sc. (Psychology) FIRST SEMESTER

MPY 1324: BIOPSYCHOLOGY

TIME: 3 hours.

MAX. MARKS: 70

This paper contains ONE printed page and THREE parts

Instructions:

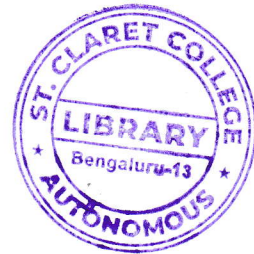
1. Verify and ensure that the question paper is completely printed.
2. Any discrepancies or questions about the exam paper must be reported to the COE within 1 hour after the examination.
3. Students must check the course title and course code before answering the questions.

PART-A

Answer FOUR questions out of SIX. Each answer carries FIVE marks.

[5x4 = 20]

1. Differentiate between ablation and lesion methods, and expand on the ways of producing a lesion.
2. Demonstrate the relevance of neuropsychological assessment in biopsychology.
3. Elaborate on the importance on glial cells and their types.
4. Discuss behavior genetics and methods of studying it.
5. "Minimize pain and discomfort for animals". Explain this in the context of animal research.
6. State and explain the features of an ideal psychotropic drug.



PART-B

Answer any TWO questions out of THREE. Each answer carries TEN marks.

[10x2=20]

7. Elucidate the parts and functions of the forebrain.
8. Classify different patterns of inheritance.
9. Explicate routes of drug administration.

PART-C

Answer any TWO questions out of THREE. Each answer carries FIFTEEN marks.

[15X2=30]

10. Explain the process of release of neurotransmitters in the synaptic cleft.
11. Distinguish between neurological disorders based on their symptomatology.
12. Detail out the classification of psychoactive drugs along with their indications of use.
