



# ST. FRANCIS DE SALES COLLEGE

A FRANSALIAN INSTITUTE OF HIGHER EDUCATION **AUTONOMOUS**

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## END SEMESTER EXAMINATION – APRIL 2025

### PSYCHOLOGY – I SEMESTER MSC

#### 24MSC13A – BIOPSYCHOLOGY

**Time: 3 Hours**

**Max. Marks: 70**

**Instruction:** *Answer should be written completely in English.*

**Answer all the questions. All the questions carry equal marks.**

**(14X5=70)**

1. a. Examine the subdivisions of the brain (forebrain, midbrain, and hindbrain) and their impact on behavior.

OR

- b. Identify the roles of glial cells in the CNS and PNS, and elaborate on the different types of glial cells along with their functions.

2. a. Analyze the sex differences in lateralization with supporting research evidence.

OR

- b. Compare and contrast Parkinson's disease, Huntington's disease, and multiple sclerosis in terms of their causes, symptoms, and effects on motor and cognitive functions.

3. a. What role do adoption studies play in distinguishing genetic and environmental contributions to behavior?

OR

- b. Explain how gene-environment interactions influence complex psychological traits like intelligence and mental illness.

4. a. How does evolutionary psychology differ from traditional biopsychology? Explain with examples.

OR

- b. Discuss the theory of natural selection. In the light of this, explain the evolution of human species.

5. a. Discuss the different routes of drug administration, highlighting their advantages and disadvantages.

OR

- b. Define Sexual dysfunction. Discuss the four categories of it and a few medications leading to sexual dysfunction.

