

**24P232**

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Name : .....

Reg. No : .....

**SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2025**

(CBCSS-PG)

(Regular/Supplementary/Improvement)

**CC22P CPY2 C06 - BIO PSYCHOLOGY**

(Clinical Psychology)

(2022 Admission onwards)

Time: 3 Hours

Maximum: 30 Weightage

**Part-A**

Answer any *four* questions. Each question carries 2 weightage.

1. Discuss the key components that make up the structure of nerve cells in the nervous system.
2. Discuss the differences in chemical and electrical synaptic transmission.
3. Discuss about the structural aspects of limbic system.
4. Explain scalp electroencephalography.
5. Explain the concepts of materialism, mentalism and identity position.
6. Describe emotion and its functions and how brain damage can lead to malfunctions in emotion.
7. Describe mechanisms of water regulation and thirst.

**(4 × 2 = 8 Weightage)**

**Part-B**

Answer any *four* questions. Each question carries 3 weightage.

8. Discuss the concept of action potential thresholds in neurons.
9. Conclude the key differences between central and peripheral nervous system.
10. Discuss the growth and development of neurons.
11. Summarize major contributions of HM'S case in understanding memory.
12. Explain analytic synthetic theory, motor theory and linguistic theory.
13. Explain the biological and environmental factors contributing to attack behaviors.
14. Illustrate physiological basis of sexual behaviors.

**(4 × 3 = 12 Weightage)**

**Part-C**

Answer any *two* questions. Each question carries 5 weightage.

15. Discuss the overall structure of the brain and its primary functions.

16. Summarize about the role of cerebral cortex in higher order functioning.
17. Summarize Wernicke-Geschwind model.
18. Describe stress, it's categories and coping strategies.

**(2 × 5 = 10 Weightage)**

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