

23P232

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Name:

Reg.No:

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, APRIL 2024

(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. Explain the significance of the brain within the central nervous system.
2. Summarize the functions of medulla.
3. Explain the principle called neural darwinism.
4. Discuss any three methods of visualising and stimulating the living human brain.
5. Discuss the process of consolidation and reconsolidation.
6. Explain the role played by central and peripheral nervous system in emotion
7. Explain motivation and it's biological basis

(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. Summarize the synthesis, packaging, transportation and release of neurotransmitter molecule.
10. Summarize the importance of limbic system as a functional system of human brain.
11. Explain analytic synthetic theory, motor theory and linguistic theory.
12. Discuss different types of attention.
13. Explain stress, categories and different coping strategies
14. Explain different sleep disorders in detail

(4 × 3 = 12 Weightage)

Part-C

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

15. Discuss different types of cells and its functions in the human nervous system.
16. Summarize about the role of cerebral cortex in higher order functioning.
17. Explain how brain damage and language is related.
18. Explain physiological basis of sexual behaviors.

(2 × 5 = 10 Weightage)
