

## FIRST SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2023

(Regular/Improvement/Supplementary)

## PSYCHOLOGY

## FPSY1C04 - PHYSIOLOGICAL PSYCHOLOGY

Time: 3 Hours

Maximum Weightage: 30

**Part A: Answer any *four* questions. Each carries *two* weightage.***Write short notes on:*

1. Synthetic heat.
2. Cortical localization of language.
3. Hippocampus.
4. Osmotic thirst.
5. Functional asymmetry.
6. Colour blindness.
7. Auditory coding.

**(4 × 2 = 8 weightage)****Part B: Answer any *four* questions. Each carries *three* weightage.***Write notes on:*

8. Properties of receptors.
9. Neural mechanism of sleep.
10. Memory in brain damaged individuals.
11. Contribution of split brain studies.
12. Feeding centres in the brain.
13. Theories of colour vision.
14. Theories of pain perception.

**(4 × 3 = 12 weightage)****Part C: Answer any *two* questions. Each carries *five* weightage**

15. Give an account of central and peripheral nervous system.
16. Discuss on levels in consciousness formation.
17. Explain the physiological correlates of emotion.
18. How does the concept of cerebral dominance contribute to our understanding of brain lateralization and what role does hemispheric specialization play in influencing behaviour and cognition?

**(2 × 5 = 10 weightage)**