

**FIRST SEMESTER M.Sc. DEGREE EXAMINATION, NOVEMBER 2024
(Regular/Improvement/Supplementary)**

**PSYCHOLOGY
FPSY1C04 - PHYSIOLOGICAL PSYCHOLOGY**

Time: 3 Hours**Maximum Weightage: 30****Part A: Answer any *four* questions. Each carries *two* weightage.**

1. Describe cerebral dominance.
2. Elaborate on neural transmission.
3. What is cortical localization?
4. Describe MRI.
5. What is synthetic heat?
6. Detail autonomic responses.
7. What are lesion studies?

(4 × 2 = 8 weightage)

Part B: Answer any *four* questions. Each carries *three* weightage.

8. Elaborate on autonomic responses in emotional states.
9. Describe endocrine correlates of stress.
10. Write short note on split brain studies.
11. What are chemoreceptors? Detail their functions and theories.
12. Elaborate on auditory pathways and auditory coding.
13. Write short note on agenesis of corpus callosum.
14. Elaborate on theories of memory consolidation.

(4 × 3 = 12 weightage)

Part C: Answer any *two* questions. Each carry *five* weightage.

15. Write an essay on the brain and behavior focusing on hormones and neural transmission.
16. Elaborate on kinesthetic and pain receptors. Detail on pain perception theories.
17. Write an essay on neural mechanism of sleep and sleep disorders.
18. Elaborate on physiological basis of learning.

(2 × 5 = 10 weightage)