

**D 53040**

**(Pages : 2)**

**Name**

**Reg. No**.....

**FIRST SEMESTER M.Sc. DEGREE EXAMINATION  
JANUARY 2014**

(CUCSS)

Psychology

PSY 1.3 – PHYSIOLOGICAL PSYCHOLOGY

Maximum : 36 Weightage

Time : Three Hours

**Section A**

*Answer **all** questions in one **or** two sentences each.  
Each question carries 1 weightage.*

1. Pre-synaptic excitation.
2. Psychosurgery.
3. Meninges.
4. Encephalization.
5. Broca's Aphasia.
6. Hippocampus.
7. Corpus callosum.
8. Sympathetic division.
9. Blue-print hypothesis.
10. Cerebral dominance.
11. Neural transmitters.
12. Biofeedback.
13. Obesity.
14. Hormones.

(14 x 1 = 14 weightage)

**Section B**

*Answer any **seven** questions in **a paragraph** each.  
Each question carries 2 weightage.*

15. Hierarchy of Brain structures.
16. Properties of the receptors.

**Turn over**

17. Theories of Audition.
18. Functions and theories of Chemo receptors.
19. Theories of Pain perception.
20. Physiological correlates of emotion.
21. Dynamics of sexual behaviour.
22. Split brain studies.
23. Levels of consciousness formation.
24. Memory in brain damaged individuals.

(7 x 2 = 14 weightage)

### Section C

*Answer any two questions in an essay each.*

*Each question carries 4 weightage.*

25. Discuss Neural mechanism of sleep and sleep disorders.
26. Explain colour blindness and theories of colour vision.
27. Discuss the types, structure and functions of neuron with the help of a diagram.
28. Give an account of the gross anatomy of the Central Nervous System.

(2 x 4 = 8 weightage)