

Name: .....

Reg. No.....

**FIRST SEMESTER M.Sc. DEGREE EXTERNAL EXAMINATION FEBRUARY 2016**

(2015 Admission)

**CC15P CP1 C01 – Physiological Psychology**

(Clinical Psychology)

**Max. Time: 3 hours**

**Max. Weightage: 36**

**Part A**

Write short note on **all** questions  
(Each question carries a weightage of **One**)

1. Neurotransmitter
2. Dendrite
3. Action Potential
4. Greymatter
5. Axon hillock
6. Melatonin
7. Piamatter
8. Neocortex
9. EEG
10. fMRI
11. Amygdala
12. Corpus callosum
13. Biofeedback
14. Emotion

**(14 x 1= 14 weightage)**

**Part B**

Answer **any Seven** of the following in a paragraph  
(Each question carries a weightage of **Two**)

15. What is a hormone? Discuss the details.
16. Discuss the role of limbic system on emotion.
17. Describe theories of audition.
18. Examine pain receptor theories.
19. Explain the neural mechanism of sleep.
20. Describe the synaptic basis of behavior.
21. Discuss the levels in consciousness formation.
22. Examine the results of biofeedback studies on endocrine correlates of stress.

23. Write a note on the dynamics of sexual behaviors.
24. Briefly explain the biology of obesity and anorexia.

**(7 x 2= 14 weightage)**

**Part C**

Answer any **Two** questions

(Each question carries a weightage of **Four**)

25. Briefly explain the structure and functions of central nervous system.
26. Write an essay on the biological basis of learning.
27. Critically examine the theories of sensory processing.
28. Evaluate split brain studies on the basis of new findings which reject the concept of hemispherical division.

**(2 x 4 = 8 weightage)**

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