



K20U 1849

Reg. No. : .....

Name : .....



III Semester B.Sc. Degree OBCSS (OBE) – Regular  
Examination, November 2020  
(2019 Admission Only)

**COMPLEMENTARY ELECTIVE COURSE IN PSYCHOLOGY**  
**3C03 PSY : Neurobiological Perspective**

Time : 3 Hours

Max. Marks : 40

PART – A

Define the following. Answer **all** questions, **each** carries 1 mark. (6×1=6)

1. Nerve cell.
2. Synapse.
3. CNS.
4. Spinal Nerves.
5. Parietal Lobe.
6. Stress.

PART – B

Write short essay on **any six** of the following. **Each** carries 2 marks. (6×2=12)

7. Explain the influence of hormones on behaviour.
8. What is Broca's Area ?
9. Discuss the functions of somatosensory cortex.
10. Explain the monosynaptic reflex.
11. Differentiate between sympathetic and Parasympathetic Nervous system.
12. Define – EPSP.

P.T.O.



13. Explain the blood brain barrier.
14. Explain the various types of lobes in brain.

PART – C

Write answers on **any four** of the following in **not** less than **150** words. **Each** carries **3** marks. (4×3=12)

15. Discuss the relationship between sexual behavior and stress.
16. Explain the pathway of visual sensation.
17. Briefly explain the Peripheral nervous system with suitable example.
18. Explain Neurons at Rest.
19. Describe the supporting cells of nervous system.
20. Explain the functions of forebrain.

PART – D

Answer **any two** of the following in **not** more than **300** words. **Each** carries **5** marks. (2×5=10)

21. Write an essay on various types of nerve impulse.
  22. Elaborate on different types of neurotransmitters.
  23. Draw the anatomy of human brain and label its part.
  24. Discuss the autonomic nervous system with suitable examples.
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