



K21U 1966

Reg. No. :

Name :



III Semester B.Sc. Degree (CBCSS (OBE) – Regular/Supplementary/
Improvement) Examination, November 2021
(2019 – 2020 Admissions)

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. Neuron.
2. Synapse.
3. Spinal cord.
4. Reflex action.
5. Frontal lobe.
6. Hormone.

PART – B

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

7. Explain motor cortex.
8. What is Wernik's Area ?
9. Discuss about refractory period.
10. Explain somatic nervous system.
11. What are the functions of occipital lobe ?

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12. What is peripheral nervous system ?
13. Explain multisynaptic reflex.
14. Explain neurotransmitters.

PART – C

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

15. Differentiate between sympathetic and parasympathetic nervous system.
16. Explain major endocrine glands.
17. Briefly describe about the blood brain barrier.
18. Discuss influence of hormones on behaviour.
19. Describe about cerebrospinal fluid.
20. What is inhibitory post synaptic potential ?

PART – D

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

21. Describe major endocrine glands and hormones.
22. Elaborate on different types and functions of neurotransmitters.
23. Explain in detail about different parts of human brain.
24. Write an essay on central nervous system.