

0113257



K19U 2546

Reg. No. :

Name :

III Semester B.Sc. Degree (CBCSS-Reg./Sup./Imp.)

Examination, November - 2019

(2014 Admn. Onwards)

COMPLEMENTARY COURSE IN PSYCHOLOGY

3C03 PSY : NEUROBIOLOGICAL PERSPECTIVES OF BEHAVIOUR

Time : 3 Hours

Max. Marks : 40

SECTION - A

Answer the following in a **word**. Each carries 1 mark. (4×1=4)

1. _____ area of the brain controls speech production.
2. _____ neurons carry information from the central nervous system to muscles and organs throughout the body.
3. _____ activates the fight or flight response.
4. The myelin membranes originate from _____ cells in the peripheral nervous system.

SECTION - B

Answer any **Seven** questions. Each question carries 2 marks. (7×2=14)

5. Monosynaptic reflex.
6. Sympathetic nervous system.
7. Cortical dominance.
8. Glial cells.
9. Wernicke's area
10. Refractory period.
11. Meninges.
12. Spinal nerves.
13. Endocrine glands.
14. All or none law.

P.T.O.

**SECTION - C**

Answer any **Four** questions. Each question carries **3** marks. **(4×3=12)**

15. Explain the types of neurons.
16. Explain the non neural material in the CNS.
17. Give an account of autonomic nervous system.
18. Explain the influence of hormone on behaviour.
19. Explain the language areas of the brain.
20. Explain types of neurotransmitters and its functions.

SECTION - D

Answer any **Two** questions. Each question carries **5** marks. **(2×5=10)**

21. Explain the structure of central nervous system.
22. Explain the neural transmission of impulse.
23. Explain the somatic nervous system.
24. Explain primary projection cortex of the brain.