

1-6-2024



DOON UNIVERSITY, DEHRADUN
End-Semester Examination, Even Semester, 2024
Academic Year 2023-24 (Odd/Even Semester)
School of Social Sciences/ Department of Psychology
B. A. Sem-II
PYC-153
Biopsychology

Date: 1st June 2024

Time allowed: 3 Hours

Max. Marks: 50

Section A (10 Marks)
(Very Short Answer Type Questions)

(Answer all questions) [1x10=10]

1. _____ produces myelin sheath in PNS.
 - a. Motor neurons
 - b. Ruffini corpuscles
 - c. Schwann Cells
 - d. Oligodendrocytes

2. Visual centre (VA1) of the brain is located around which sulcus
 - a. Lateral sulcus
 - b. Superior sulcus
 - c. Central Sulcus
 - d. Calcrine sulcus

3. The neuron in cerebellum having tree-like structure are called ____
 - a. Purkinjee cells
 - b. Nodes of Ranvier
 - c. Schwann cells
 - d. Meninges

4. These are the middle sized filaments in the neurons
 - a. Microfilaments
 - b. Microfilaments
 - c. Neurofilaments
 - d. Neuroticism

5. Name two neurodegenerative disorders/diseases.
6. Neuron will fire action potential at _____mv.
7. Dopamine receptors are mostly found in _____.
8. Draw A well-labelled diagram of Neuron.
9. _____ is the relay centre of the brain.
10. Somatosensory information is processed in which part of the cortex?

SECTION: B

(Short Answer Type Questions)

(Answer any four questions)

[4x5=20]

11. What is aphasia?
12. Write a short note on Myelin sheath.
13. What are the hormones released by pituitary?
14. Explain HPA axis in short.
15. What are major functions of hippocampus?

SECTION: C

(Long Answer Type Questions)

(Answer any two)

[2X10=20]

16. Write a note on Peripheral Nervous System. (10)
17. Write a short note on the Central Nervous System. (10)
18. Explain neuronal conduction with the help of a diagram. (5+5)