



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science

Class: X

Date: 01.03.2021

CHAPTER: CONTROL & COORDINATION IN LIVING ORGANISMS

TOPIC: NERVOUS SYSTEM

WORKSHEET 13

Choose the correct option:

(1X15=15)

1. The distal termination of the branch of neuron is
 - a. Node of Ranvier
 - b. Axon
 - c. Axon Terminal
 - d. Both a&b
2. The nerve signal is received by _____ from the axon terminal
 - a. Presynaptic neuron
 - b. Post synaptic neuron
 - c. Both a&b
 - d. None of these
3. Insulation of nerve fibre is the function of
 - a. Node of Ranvier
 - b. Axon terminal
 - c. Myelin sheath
 - d. None of these
4. Microglia is at type of
 - a. Neuron
 - b. Neuroglia
 - c. Axon
 - d. Nerve
5. Mitochondria in neurons is present in
 - a. Cell body
 - b. Soma
 - c. Dendrites
 - d. Both a&b
6. The non-neuronal cells of the nervous system are
 - a. Neuron
 - b. Neuroglia
 - c. Both a&b
 - d. None of these
7. Axon is present in
 - a. Neuron
 - b. Neuroglia
 - c. Both a&b
 - d. None of these
8. The action potential is sent to axon terminal directly from
 - a. Dendrites
 - b. Cell body
 - c. Axon
 - d. Both a&c
9. The system which uses blood to transmit signal is
 - a. Nervous system
 - b. Endocrine system
 - c. Both a&b
 - d. None of these
10. The neuronal proteins are mainly synthesized in
 - a. Dendrites
 - b. Cell body
 - c. Axon
 - d. Both a&c
11. The neuroglia helps in
 - a. maintaining homeostasis
 - b. forming myelin sheath
 - c. Both a&b
 - d. None of these
12. The myelin in Peripheral nervous system is made of
 - a. Schwann cell
 - b. Astrocyte
 - c. Oligodendrocyte
 - d. All of these
13. Myelin is made of
 - a. Protein
 - b. phospholipid
 - c. Both a&b
 - d. None of these
14. Gaps between adjacent myelin sheath is called
 - a. Schwann cell
 - b. Astrocyte
 - c. Node of Ranvier
 - d. Both a&b
15. In which of the following system, is the signal transmission slow?
 - a. Nervous system
 - b. Endocrine system
 - c. Both a&b
 - d. None of these

-Debjani Chakraborty