



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: LIFE SCIENCE

Class: VIII Date: 15.05.2020

Chapter- 5-The Nervous System

FM: 15

WORKSHEET – 28

(1x15=15)

- i) When an impulse reaches the end of the axon, it stimulates the release of chemicals called
(1) Hormones (2) Fluoride (3) **Neurotransmitters** (4) Fructose
- ii) The neurotransmitters diffuse across
(1) **Synapse** (2) Cyton (3) Axon (4) Dendron
- iii) Which of the following parts generate an impulse in response to the neurotransmitters?
(1) Axon (2) **Cyton** (3) Synapse (4) Dendron
- iv) From the cyton, the neurotransmitters are carried along-
(1) Cyton (2) **Axon** (3) Dendron (4) Dendrites
- v) The nerve impulses are received at the
(1) Axon terminal (2) Dendron (3) **Dendrite** (4) Cyton
- vi) Which of the following neurons carry impulses from the skin to brain?
(1) Motor neuron (2) Relay neuron (3) **Sensory neuron** (4) All of these
- vii) Which of the following neurons carry impulses from the brain to the glands?
(1) Relay neuron (2) **Motor neurons** (3) Sensory neurons (4) All of these
- viii) The organs that act in response to a stimulus are
(1) Receptor (2) **Effector** (3) Both (1) and (2) (4) None of these
- ix) A neuromuscular junction is a synapse between muscle and _____
(1) **Motor neuron** (2) Relay neuron (3) Sensory neuron (4) Any of these
- x) The motor neuron that have cell bodies in the spinal cord are involved in
(1) Locomotion (2) Vision (3) Hearing (4) **Reflex action**
- xi) The cytons of neurons are located in
(1) Brain (2) Spinal Cord (3) **Both (1) and (2)** (4) Limbs
- xii) Nerves are made up of bundles
(1) Dendrons (2) **Axons** (3) Cyton (4) Dendrites
- xiii) Group of neurons are called
(1) Clot (2) Tumor (3) **Ganglia** (4) Mesh
- xiv) Which type of tissue covers each nerve?
(1) Epithelial tissue (2) **Connective tissue** (3) Muscular tissue (4) None of these
- xv) Mixed nerves contain axons of
(1) Sensory neurons (2) Motor neurons (3) **Both (1) and (2)** (4) Relay neurons

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