



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: LIFE SCIENCE

Class: VIII Date: 09.06.2020

Chapter- 5- The Nervous System

FM: 15

WORKSHEET – 32

(1x15=15)

- i) Reflexes do not involve
(1) Spinal Cord **(2) Brain** (3) Nerves (4) Receptor
- ii) Which of the following effects reflex actions
(1) Brain **(2) Spinal Cord** (3) Lungs (4) Stomach
- iii) Involuntary actions are controlled by
(1) Central Nervous System (2) Peripheral Nervous System **(3) Autonomic Nervous System**
(4) All of these
- iv) Message from the sensory cells or receptors are sent via
(1) Motor neurons (2) Interneurons **(3) Sensory neurons** (4) All of these
- v) The sensory neuron synapse on
(1) Interneuron **(2) Motor neuron** (3) Other Sensory neurons (4) None of these
- vi) The motor neurons send messages to the
(1) Receptors **(2) Effector** (3) Both (1) and (2) (4) None of these
- vii) The route of transmission of impulses from receptor to effector organ is
(1) Reflex circle **(2) Reflex arc** (3) Reflex channel (4) Reflex path
- viii) When a doctor tests for knee- jerk reflex, he taps with a hammer on
(1) **Tendons** (2) Ligaments (3) Muscles (4) Bones
- ix) When the knee is tapped with a hammer , a group of muscles is stretched called-
(1) **Quadriceps femoris** (2) Thenar muscles (3) Abductor brevis (4) Lumbricals
- x) The receptors within the knee muscles , send an impulse to the spinal cord in the knee – jerk reflex via
(1) **Sensory neuron** (2) Motor neurons (3) Interneurons (4) None of these
- xi) The branch of the axon of the sensory neuron that branches on the motor neuron triggers _____ of the knee muscles
(1) Relaxation **(2) Contraction** (3) Swelling (4) Shrinking
- xii) The second branch of the sensory neuron in knee- jerk reflex that synapses with an interneuron carries an impulse back to
(1) Ligament (2) Tendons **(3) Hamstring muscles** (4) None of these
- xiii) The hamstring muscles during the knee- jerk reflex
(1) Contracts **(2) Relaxes** (3) Jerks (4) Swells
- xiv) The knee jerks _____ when tapped with a hammer
(1) **Upwards** (2) Downwards (3) Sideways (4) None of these
- xv) Which of the following is not a reflex action?
(1) Blinking of eyes (2) Coughing (3) Yawning **(4) Climbing a mountain**

Manjaree Guha