



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: LIFE SCIENCE

Class: VIII Date: 10.06.2020

Chapter- 5-The Nervous System

FM: 15

WORKSHEET – 33

(1x15=15)

- i) The messages are received by the sensory neurons from the
(1) Brain (2) Spinal Cord (3) Effector (4) Receptor
- ii) Reflex actions are mainly
(1) Protective (2) Painful (3) Stressful (4) Symptomatic
- iii) Which of the following receptors are activated when a doctor taps on the tendons below the knee
(1) Contractile (2) Stretch (3) Relaxation (4) None of these
- iv) Which of the following is a connecting neuron?
(1) Motor neurons (2) Interneurons (3) Sensory neurons (4) All of these
- v) Reflex actions are controlled by neurons situated in the
(1) Spinal Cord (2) Brain (3) Both (1) and (2) (4) None of these
- vi) Which of the following scientists investigated the phenomenon of salivation?
(1) Carolus Linnaeus (2) Ivan Pavlov (3) Matthias Schleiden (4) Rudolf Virchow
- vii) Salivation at the sight of food was
(1) Learned response (2) Inborn response (3) Acquired response (4) None of these
- viii) The food which caused salivation in the dog was
(1) Unconditioned Stimulus (2) Conditioned stimulus (3) Neutral stimulus (4) All of these
- ix) The bell was _____ stimulus
(1) Conditioned Stimulus (2) Unconditioned stimulus (3) Neutral stimulus
(4) All of these
- x) When the dog salivated on ringing the bell, the sound of the bell was
(1) Conditioned Stimulus (2) Unconditioned stimulus (3) Neutral stimulus (4) None of these
- xi) Initially when the bell was rung, the dog
(1) Salivate (2) Did not salivate (3) Barked (4) Did not bark
- xii) Salivation in response to the bell was called
(1) Acquired stimulus (2) Conditioned Stimulus (3) Unconditioned stimulus
(4) Conditioned response
- xiii) The experiment on salivation of dogs was called
(1) Classical conditioning (2) Neutral conditioning (3) Numerical conditioning
(4) Physical conditioning
- xiv) Which of the following affects reflex actions along with spinal cord?
(1) Peripheral Nervous System (2) Sympathetic Nervous System
(3) Para Sympathetic Nervous System (4) All of these

xv) Which of the following is not a part of the correct pathway for reflex arc?

(1) Stimulus → receptor → Sensory neuron

(2) Stimulus → Effector → Sensory neuron

(3) Response → Effector → Sensory Neuron

(4) Stimulus → Receptor → Motor neuron

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