



# 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 (ANSWERS)

(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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