



# ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science

Class: X

Date: 16.04.2020

CHAPTER: CONTROL & COORDINATION IN LIVING ORGANISMS

TOPIC: REFLEX ARC

WORKSHEET SOLUTION 9

Choose the correct option:

(1X15=15)

- In reflex arc, sensory neuron gets activated near the  
**b. Dorsal root ganglion**
- In reflex arc the motor neuron leads to the  
**d.Both a and c**
- Reflex action is related to  
**c.Both a and b**
- Inborn reflex is also called  
**b. Simple reflex**
- Which of the following is a conditioned reflex?  
**c.Salivation on ringing of bell**
- Reflex arc consists of  
**c.Both motor & sensory**
- Ventral root of spinal nerve contain  
**a. Effector neuron**
- Which of the following is caused by the Arrival of stimulus?  
**b. Activation of receptor**
- Collateral Neuron is also called  
**c.Interneuron**
- Which of the following is proved by Pavlov's experiment?  
**a. Acquired reflex**
- Which of the following forms the neutral stimulus in Pavlov's experiment?  
**b. bell**
- In Pavlov's experiment the unconditioned stimulus was?  
**a. Food**
- Which of the following is not a reflex action?  
**c.Sweating**
- Learning is associated with  
**a.Conditioned reflex**
- Conditioned reflex was first proved experimentally by  
**c.Pavlov**

-Debjani Chakraborty