



# ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science

Class: X

Date: 20.04.2020

CHAPTER: CONTROL & COORDINATION IN LIVING ORGANISMS    TOPIC: SENSITIVITY & RESPONSE  
IN PLANTS

## WORKSHEET SOLUTION 12

Choose the correct option:

(1X15=15)

1. Which of the following is not the physical factor acting as stimulus?  
**b. Gases**
2. Stimuli for an organism can be  
**c. Both a and b**
3. The stimulus that brings about excretion is  
**a. Internal stimulus**
4. Which of the following is a harmful stimulus in general?  
**b. acidic soil**
5. The ability to detect a change in the environment by an organism is called  
**c. Sensitivity**
6. Which of the following shows positive response towards light?  
**c. Both a & b**
7. Locomotion is exhibited by  
**c. Both a and b**
8. Growth movement in roots of plants in response to a stimulus is  
**a. very slow**
9. Plants exhibit turgor movement in response to  
**c. Both a & b**
10. Growth movement due to touch is shown by  
**c. Both a & b**
11. Movement due to osmotic stress is shown by  
**b. *Desmodium gyrans***
12. Crescograph used by Acharya J.C. Bose showed  
**d. All of these**
13. Acharya J.C. Bose showed drooping & retraction movement in *Mimosa* by applying electric shock of  
**a. 1.3 volts**
14. Which of the following brings about modification of apical meristem to floral meristem?  
**a. Gibberellin                      b. Florigen                      c. Both a&b                      d. None of these**
15. The response of growth of root usually away from light is called  
**b. Skototropism**

-Debjani Chakraborty