



# ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science

Class: X

Date: 18.01.2021

CHAPTER: CONTROL & COORDINATION IN LIVING ORGANISMS TOPIC: SENSITIVITY & RESPONSE IN PLANTS & TACTIC MOVEMENT & COMPARISON OF 3 TYPES OF MOVEMENT

## WORKSHEET SOLUTION 2

**Choose the correct option:**

**(1X15=15)**

1. Which of the following is related to Induced Movement in plants?  
**c. Spontaneous**
2. Which of the following is related to spring like growth of plant parts?  
**b. Circumnutation**
3. Thigmotropism & Circumnutation are both observed in  
**c. Both a&b**
4. Which of the following occurs due to external heat stimulus?  
**a. Thermotaxis**
5. Which of the following is not the physical factor acting as stimulus?  
**b. Gases**
6. Which of the following is a harmful stimulus in general?  
**b. acidic soil**
7. The ability to detect a change in the environment by an organism is called  
**c. Sensitivity**
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**
12. Crescograph used by Acharya J.C. Bose showed  
**d. All of these**
13. The movement of plant parts in response to external stimulus is called  
**b. Paratonic movement**
14. Chemotactic movement is seen in  
**c. Both a & b**
15. Release of water molecules from the pulvinus of *Mimosac* can be due to  
**c. Both a & b**

-Debjani Chakraborty