



# ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science

Class: X

Date: 22.04.2020

CHAPTER: CONTROL & COORDINATION IN LIVING ORGANISMS

TOPIC: TROPIC MOVEMENT  
COMPARISON OF PLANT  
MOVEMENTS

WORKSHEET SOLUTION 14

Choose the correct option:

(1X15=15)

1. The bending of the tendril of a pea plant exhibits  
**c. Thigmotropism**
2. The type of plant movement associated with movement of plant part & dependence on direction of stimulus is  
**b. Tropic movement**
3. If a plant exhibits the movement of its shoot & turgidity doesn't play direct role, then the movement is  
**b. Tropic movement**
4. Which of the following is the type of movement in plants when growth occurs in them?  
**b. Growth movement**
5. When a potted is kept horizontally, the roots show  
**c. Positive geotropism**
6. Which of the following is the type of movement in response to water current?  
**c. Rheotropism**
7. If the tip of the root of a plant is injured, it shows  
**b. Traumatropism**
8. Which of the following movement can be demonstrated with the help of Klinostat?  
**a. Geotropism**
9. When roots show movement towards water source, which of the following is stronger?  
**a. Hydrotropism**
10. Tendrils of are sensitive to  
**c. Touch**
11. Which of the following response is shown by the lateral roots towards gravity?  
**c. Diageotropic**
12. The hyphae of fungi shows  
**b. Chemotropism**
13. Two dishes containing water soaked seeds are kept towards north and south respectively. The type of movement shown by roots kept in dish towards north is  
**a. positive geotropic**
14. Auxin plays an important role and influences directly in  
**b. Tropic movement**
15. In a Rotating Klinostat , the shoot  
**c. is parallel to ground**

-Debjani Chakraborty