



# ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science

Class: X

Date: 23.01.2021

CHAPTER: CONTROL & COORDINATION IN LIVING ORGANISMS

TOPIC: TROPIC MOVEMENT  
COMPARISON OF PLANT  
MOVEMENTS

WORKSHEET SOLUTION 3

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