



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 14

Choose the correct option:

(1X15=15)

- The bending of the tendril of a pea plant exhibits
a. Geotropism b. Chemotropism c. Thigmotropism d. Phototropism
- The type of plant movement associated with movement of plant part & dependence on direction of stimulus is
a. Tactic movement b. Tropic movement c. Nastic movement d. Both a & b
- If a plant exhibits the movement of its shoot & turgidity doesn't play direct role, then the movement is
a. Tactic movement b. Tropic movement c. Nastic movement d. Both a & b
- Which of the following is the type of movement in plants when growth occurs in them?
a. Turgor movement b. Growth movement c. Both a & b d. None of these
- When a potted is kept horizontally, the roots show
a. Positive phototropism b. Negative geotropism c. Positive geotropism d. Both a & b
- Which of the following is the type of movement in response to water current?
a. Geotropism b. Chemotropism c. Rheotropism d. Both a & c
- If the tip of the root of a plant is injured, it shows
a. Chemotropism b. Traumatropism c. Rheotropism d. None of these
- Which of the following movement can be demonstrated with the help of Klinostat?
a. Geotropism b. Chemotropism c. Rheotropism d. Both a & c
- When roots show movement towards water source, which of the following is stronger?
a. Hydrotropism b. Geotropism c. Thigmotropism d. Rheotropism
- Tendrils of are sensitive to
a. Gravity b. Water current c. Touch d. Chemicals
- Which of the following response is shown by the lateral roots towards gravity?
a. Negatively geotropic b. neutrally phototropic c. Diageotropic d. None of these
- The hyphae of fungi shows
a. Geotropism b. Chemotropism c. Rheotropism d. Both a & c
- 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 b. Negative geotropic c. Any of a and b d. None of these
- Auxin plays an important role and influences directly in
a. Tactic movement b. Tropic movement c. Nastic movement d. Both a & b
- In a Rotating Klinostat ,the shoot
a. bend upwards b. Bend downwards c. is parallel to ground d. None of these

-Debjani Chakraborty