



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science

Class: X

Date: 13.02.2021

CHAPTER: CONTROL & COORDINATION IN LIVING ORGANISMS TOPIC: PLANT HORMONE

WORKSHEET 8

Choose the correct option:

(1X15=15)

1. Auxin promotes apical growth of
 - a. Plant shoot
 - b. Plant root
 - c. Both a&b
 - d. None of these
2. Abscission of leaves is mainly prevented by
 - a. Gibberellins
 - b. Cytokinin
 - c. Auxin
 - d. All of these
3. Which of the following is an example of a Non-indole Compound?
 - a. IAA
 - b. NAA
 - c. Cytokinin
 - d. Both a&b
4. Successful Plant tissue culture requires
 - a. Gibberellins
 - b. Cytokinin
 - c. Auxin
 - d. Both b&c
5. Which of the following is seen in case of Phytohormones through plasmodesmata?
 - a. cyclosis
 - b. Cytoplasmic streaming
 - c. Both a&b
 - d. None of these
6. Bushy growth of a plant is induced by
 - a. Gibberellins
 - b. Cytokinin
 - c. Auxin
 - d. Both b&c
7. Which of the following hormone is large amount in pollen of flowers usually?
 - a. Gibberellins
 - b. Cytokinin
 - c. Auxin
 - d. Both b&c
8. Which of the following is suitable for shooting in plant tissue culture?
 - a. Low auxin
 - b. Low Cytokinin
 - c. High Cytokinin
 - d. Both a&c
9. Which of the following bases are amino derivatives of purine bases of DNA?
 - a. Gibberellins
 - b. Cytokinin
 - c. Auxin
 - d. Both b&c
10. Richmond Lang effect is related to
 - a. Growth
 - b. Senescence
 - c. Cell differentiation
 - d. None of these
11. Which of the following is the type of Cytokinin?
 - a. Kinetin
 - b. Zeatin
 - c. Amylase
 - d. Both a&b
12. Ethylene hormone is produced from
 - a. Plant tissue
 - b. Maturing fruits
 - c. Defoliating branch
 - d. All of these
13. Which of the type of plants are devoid of cambium?
 - a. Monocot
 - b. Dicot
 - c. Both a&b
 - d. None of these
14. Which of the following is the most common type of Gibberellins?
 - a. GA1
 - b. GA2
 - c. GA3
 - d. GA4
15. Formation of Abscission zone in leaf stalk is induced by
 - a. Gibberellins
 - b. Cytokinin
 - c. Auxin
 - d. Abscissic Acid

-Debjani Chakraborty