



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Biological Sciences

Class: XI

Date: 22.2.2021

Plant Growth and Development

F.M:15

WORKSHEET – 66

(1x15=15)

- i) Which of the following is not an artificial hormone?
(1) Phylocalline (2) Caulocaline (3) Dormin **(4) All of these**
- ii) Which of the following help in auxin synthesis?
(1) **Tryptophan** (2) Glycine (3) Alanine (4) Aspartic Acid
- iii) Transport of auxin in shoot is
(1) **Basipetal** (2) Acropetal (3) All directions (4) None of these
- iv) Which of the following is not performed by auxin?
(1) Cell division (2) Cell elongation (3) Callus formation **(4) Internodal growth**
- v) Destruction of auxin is facilitated by
(1) Thiamine (2) Niacin **(3) Riboflavin** (4) All of these
- vi) Auxin affects
(1) Phototropism (2) Geotropism **(3) Both (1) and (2)** (4) None of these
- vii) Apical dominance can be countered by
(1) Auxin **(2) Cytokinin** (3) ABA (4) Ethylene
- viii) Low concentration of Gibberellin induces the formation of
(1) **Female flowers** (2) Male flowers (3) Bisexual flowers (4) None of these
- ix) Which of the following is a non nitrogenous hormone?
(1) Auxin **(2) Gibberellin** (3) Cytokinin (4) ABA
- x) Which of the following is alkaline?
(1) Auxin (2) Gibberellin **(3) Cytokinin** (4) ABA
- xi) Viviparous germination is observed in
(1) Rhizophora (2) Ceriops (3) Avicennia **(4) All of these**
- xii) The other name of auxin is
(1) Auxenolonic Acid **(2) Auxenotriolic Acid** (3) Oxalic Acid (4) Acetic Acid
- xiii) Which of the following behaves as an anti transpirant?
(1) Auxin (2) Gibberellin (3) Cytokinin **(4) ABA**
- xiv) Dormin is the other name of
(1) **ABA** (2) Gibberellin (3) Cytokinin (4) Auxin
- xv) Which of the following is a stress hormone?
(1) Auxin (2) Cytokinin **(3) ABA** (4) Gibberellin

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