



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

Manjaree Guha