

111. The type of growth in which new cells are constantly added to the plant body by the meristematic activity referred to as
 (1) Determinate growth (2) Closed form of growth
 (3) Open form of growth (4) Both (1) and (3)
112. The ability of the plant to make new plant material is measured by
 (1) Efficiency index (2) Intrinsic rate
 (3) Absolute growth rate (4) Both (1) and (3)
113. Match the following concerning the activity/function and the phytohormone involved.

A	Dicot broad leaffall	i	Absciscic acid
B	Herbicide	ii	GA ₃
C	Bolting agent	iii	2, 4-D
D	Stress hormone	iv	NAA

Select the correct option from following

- | | A | B | C | D |
|-----|-----|-----|----|-----|
| (1) | iii | iv | ii | i |
| (2) | iv | iii | ii | i |
| (3) | iv | ii | i | iii |
| (4) | ii | iii | iv | i |
114. Which of the following are examples of plasticity?
 (1) Larkspur (2) Buttercup (3) Coriander (4) All of these
115. Which of the following pair is correct?
 (1) Skoog and Miller - Auxin (2) Miller et al- Kinetin
 (3) Kurosawa - Cytokinin (4) F.W. Went - Gibberellic acid
116. Select the option which is not correct.
 A. ABA is a derivative of carotenoids
 B. GA₃ belongs to promoter PGR
 C. Auxin was isolated from the tip of coleoptiles of rice seedlings
 D. Inhibitor B, abscission II and dormin belongs to ABA
 E. F. W. Went and his co-workers observed the internodal segments of tobacco stems
 (1) A, B, C and D (2) A, B and E (3) B and C (4) C and E
117. How can pruning help in making a hedge dense?
 (1) It frees axillary buds from apical dominance
 (2) Apical shoot accumulates after pruning
 (3) It releases wound hormones
 (4) It induces differentiation of new shoots from root stock.
118. Senescence as an active developmental cellular process in the growth and functioning of a flowering plant, is indicated in
 (1) vessels and tracheid differentiation (2) leaf abscission
 (3) annual plants (4) floral parts
119. Parthenocarpy in tomatoes is induced by
 (1) Cytokinin (2) Auxin (3) Gibberellin (4) CH₂ = CH₂
120. Which of the following was discovered due to 'foolish seedling or Bakane disease' of rice ?
 (1) IAA (2) GA (3) Auxin (4) 2, 4-D