

121. Which of the following pairs is incorrectly matched?
(1) IAA - Plant propagation (2) Abscissic acid - Bolting
(3) Gibberellic acid - Stem elongation (4) cytokinin prevents leaf senescence
122. The newly formed cells mature to form some specific cells to perform specific functions, this is referred to as -
(1) Differentiation (2) Dedifferentiation (3) Redifferentiation (4) Development
123. Increased vacuolation, cell enlargement and new cell wall deposition are the characteristics of cells in _____ phase of growth
(1) Elongation (2) Steady phase (3) Formation phase (4) Division phase
124. The fruits can be left on the tree longer so as to extend the market period. This is due to which function of GA?
(1) Bolting (2) Delay senescence
(3) Internodal elongation (4) Parthenocarpy
125. One of the synthetic auxin is:
(1) IAA (2) GA (3) IBA (4) NAA
126. The cells proximal (just next away from the tip) to the meristematic zone represents the _____ phase of
(1) Division (2) Maturation (3) Elongation (4) Meristematic division
127. In S-shaped curve, the growth is constant in which phase?
(1) Lag phase (2) Steady phase (3) Log phase (4) All of these
128. In the arithmetic growth rate, when length of the organ is plotted against time, the nature of graph curve will be -
(1) Linear (2) Sigmoidal (3) Parabolic (4) Hyperbolic
129. How many gibberellins are reported from widely different organism such as plant and fungi?
(1) More than 500 (2) More than 750 (3) More than 100 (4) More than 250
130. Research on a part of canary grass provided the first clues about the plant hormone
(1) Auxin (2) Gibberellin (3) Cytokinin (4) Ethylene