

Subject : BIOLOGY DPP No. : 9 Class: XIth

Date:

Tonic · Plant Crowth & Develonment

Topic: Frant Growth & Development							
1.	Leaf abscission is caused by						
	a) ABA	b) Cytokinin	c) Auxin	d) Gibberellins			
2.	I. Auxin II. Cytokinin III. GA IV. ABA Which of the above mentioned PGA are acidic in nature? Choose the correct option accordingly						
	a) I and II	b) I, III and IV	c) I, II and III	d) I, II, III and IV			
3.	In plants, phototropism is the movement a) Towards the light source b) Away from the light source						
	c) Parallel to the light source		d) Lateral to the light source				
4.	Which was discovered find A_1	rst? b) GA ₂	c) GA ₃	d) GA ₄			
5.	Which one is the exampl a) Procambium and vasc c) Cork cambium and va	ul <mark>ar ca</mark> mbium	b) Cork cambium and interfasicular cambium d) Procambium and cork cambium				
6.	Identify the correct optic Compound Function 2,4-D A						
	B Fruit ripen A B	ing					
	a) Insecticide Auxin c) Insecticide GA		b) Insecticide Cyto d) Weedicide Ethy				
7.	Auxin causes a) Growth of apical bud c) Seed dormancy		b) Growth of lateral d) Fall of leaf	b) Growth of lateral bud d) Fall of leaf			
8.	Apical dominance is causa) Auxin	sed by b) Cytokinin	c) Ethylene	d) Gibberellin			

9.	Permanent localised qualitative change in size, biochemistry, structure and function of cells or organs is called					
	a) Cell division		b) Meristematic division			
	c) Differentiation		d) Dedifferentiation			
10.	The maximum growth rate occurs in					
	a) Stationary phase	b) Senescent phase	c) Lag phase	d) Exponential phase		
11.	The coiling of tendril around some base in response to touch, is called					
	a) Hydrotaxis	b) Chemotaxis	c) Thigmotropism	d) Geotaxis		
12.	'Apical dominance' in plants is the result of					
	a) Cytokinin	b) Auxin	c) Gibberellin	d) $CH_2 - CH_2$		
13.	Heterophylly can be observed in I. cotton II. coriander III. larkspur					
	Select the right option					
	a) I, II and III	b) I and II	c) II and III	d) I and III		
14.						
	a) Auxin	b) Ethylene	c) C ₂ H ₄	d) GA		
15.	In which category will you 12 hr continuously dark period Plant	u place this flower? Flower				
	12 hr interrupted dark period No flower					
	Choose the correct option					
	a) SDP	b) LDP	c) DNP	d) L-SDP		
16.	In the exponential phase of geometric growth, the a) Progeny cells stops dividing b) Both progeny cells follow mitotic division c) Both (a) and (b) d) Only one progeny cell follows mitotic division graphs					
17.	Surface area of roots by promoting roots growth and root hair formation is increased by					
	a) Cytokinin	b) Kinetin	c) Ethylene	d) ABA		
18.	Quantitative comparison between the growth of living system can be made in					
	a) Two ways	b) Three ways	c) One ways	d) Four ways		

19. Gibberellins promotes cell division and elongation in

a) Leaves

b) Roots

c) Shoots

d) All of these

20. I. Indole-3-acetic acid

II. 2-4, dichlorophenoxy acetic acid

III. 6 Indole butyric acid

IV. Naphthalene acetic acid

Above are the examples of which PGR?

a) Auxin

b) Cytokinin

c) Ethylene

d) Gibberellin

