

Class : XIth
Date :
Subject : BIOLOGY
DPP No. : 2

Topic :- Plant Growth & Development								
1.	Charles Darwin and Francis Darwin are related with a) Vernalisation c) Photoperiodism		b) Effect of plant hormones (auxin) d) Phototropism					
2.	Vernalisation can be reversed by a) Application of high temperature c) Application of more less temperature		b) Application of auxind) Application of gibberellins					
3.	a) Elongation phase of the growth b) Merist			represents eristematic phase of the growth one of the above				
4.	In most of the higher plants, the growingA bud inhibits the growth ofB bud, a phenomenon called apica dominance. Removal of the shoot tips usually results in growth ofC buds. Complete the given statement with the correct combination of options given in the codes below a) A-lateral, B-axillary, C-axillary b) A-apical, B-lateral, C-apical c) A-apical, B-lateral, C-lateral d) A-lateral, B-apical, C-lateral							
5.	How many gibberellins are a) More than 50	e reported from widely differ b) More than 75	rent organism such as plant c) More than 100	and fungi? d) More than 25				
6.7.	Abscisic acid is primarily s a) Lysosomes Cytokinins are formed in a) Roots	ynthesized in b) Golgi complex b) Leaves	c) Chloroplast c) Fruits	d) Ribosomes d) Stems				
8.		counters the apical dominand b) Cytokinin	0000	d) NAA				
9.	The terms auxin is applied	to						
Э.	I. IAA II. IBA III. NAA IV. 2-4-D Select the correct option a) I, II and III	b) II, III and IV	c) I, III and IV	d) I, II, III and IV				

10. Which of the following is an anti-gibberellin?



Smart DPPs

	a) Auxin	b) ABA	C)	Ethylene	d) Cytokinin	
11.	Which hormone is responsi a) IAA	ble for apical growth? b) ABA	c)	GA	d) All of these	
12.	Increase in the girth of plan a) Vascular cambium c) Both (a) and (b)	t (organ) takes place by	•	Cork cambium Root and shoot apical me	eristem	
13.	Effect of photoperiod on groa) Vernalisation	owth and development of pla b) Photoperiodism		especially on flowering is Both (a) and (b)	s called d) Phototaxis	
14.	Vernalisation was found by a) FW Went	b) Darwin	c)	Lysenko	d) Cousins	
15.	The phytohormone that hel	ps in germination of seed, is b) Auxin	c)	Gibberellin	d) Cytokinin	
16.	Gibberellic acid induces flor a) In some gymnospermic p c) In short day plants unde	olants only	b) In long day plants under short day conditions d) In day –neutral plants under dark conditions			
17.	Vernalization is done at a) Lower temperature	b) Low light intensity	c)	Higher temperature	d) High light intensity	
18.	Development includes (plant I. Differentiation II. Redifferentiation III. Dedifferentiation Select the right combination a) I and II		c)	III and I	d) I, II and III	
19.	'Bakane' disease is related to Hormone Plant a) Auxin Wheat c) Gibberellin Rice	to (hormone and plant)		Cytokinin Corn Ethylene Tomato	RN	
20.	One set of a plant was grown at 12 hours day 12 hours night period cycles and it flowered, while in the other night phase was interrupted by flash of light and it did not produce flower. Under which one of the following categories will you place this plant?					
	a) Long day	b) Darkness neutral	c)	Day neutral	d) Short day	