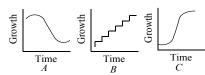


Subject : BIOLOGY DPP No. : 5 Class: XIth Date:

	_		th & Developme		
1.	In some plants, slee a) Excess of photos c) Excess of respira	p movement of leaves is di ynthesis	ue to b) Osmotic changes	b) Osmotic changes at base of leaf d) Excess of transpiration	
2.	Hormone inducing a) Ethylene	fruit ripening is b) Cytokinin	c) Gibberellic acid	d) Abscisic acid	
3.	The discovery of gib a) Blast disease of r c) Bakane disease of		ne of the following b) Rust disease of w d) Early blight disea		
4.	I. Cells attaining the	ening a <mark>nd protoplas</mark> mic m on	odification c) I and III	d) I, II and III	
5.	I.Cytokinins suppre II.Auxins control ap III.Gibberellins proi IV.Abscisic acid ena	ments are given about plar ss the synthesis of chlorop ical dominance. note shoot elongation. bling seeds to withstand d statements are correct? b) II and III	hyll.	d) II, III and IV	
6.	Growing season is t a) Maximum vegeta c) Moderate vegeta	=	b) Minimum vegeta		

7.	I. On plotting the length of an organ against time, a linear curve is obtained II. $L_t = L_0 + rt$					
	III. Following mitotic division, one daughter cell continues to divide while the other differentiate and mature					
	Above are the properties					
	a) Arithmetic growth rate	e	b) Geometric growth rat			
	c) Both (a) and (b)		d) Elongation growth ra	te		
8.	The problem of necrosis and gradual senescence, while performing tissue culture can be overcome by					
	a) Spraying auxins	b) Spraying cytokinins	c) Suspension culture	d) Subculture		
9.	The ability of plants to follow different pathway to form different structures in response to environment is called					
	a) Plasticity	b) Elasticity	c) Growth	d) Development		
	Opening and closing of flowers represent a kind of					
	a) Nastic movement		b) Tropic movement			
	c) Mutation		d) Autonomic movemen	t		
11.	During differentiation of	- I				
	a) The cells lose its proto		1 11 11			
	b) Cells develop very strong elastic lignocellulosic secondary cell walls					
	c) Both (a) and (b)d) The cell increases its p	rotonlacm				
	u) The cen increases its p	Totopiasiii				
12.	Leaf abscission, fruit fall, and bud dormancy occurs by which phytohormone?					
	a) Auxin	b) Cytokinin	c) Gibberellins	d) Abscisic acid		
12	The response of different organisms to environment rhythms of light and darkness, is called					
20.	a) Phototropism	b) Phototaxis	c) Photoperiodism	d) Vernalization		
1.4		1				
14.	An example of short day plant is					
	a) Wheat	b) Maize	c) Chrysanthemum	d) Radish		
15.	The plant hormone produced by <i>Rhizobium</i> for nodulation is					
	a) IBA	b) NAA	c) 2,4-D	d) IAA		
16.	Growth of the plant is					
	a) Determinate	b) Indeterminate	c) Both (a) and (b)	d) None of the above		
17.	Plant growth Regulators (PGR) or plant hormones are generally					
	a) Produced from many parts of plant		b) Produced from shoot apices and stem apices			
	c) Produce single effect		d) Are basic in nature			

18.



Which of the following graph shows the sigmoid growth curve?

- a) A and B
- b) C

c) A

d) B

19. Which of the following functions is/are not the function/s of cytokinin?

- I. New leaves formation
- II. Chloroplast formation in leaves
- III. Lateral shoot formation
- IV. Adventitious shoot formation
- V. Rooting on stem cuttings

Choose the correct option

a) Only I

- b) II and III
- c) Only IV
- d) Only V

20. Stimulus of vernalisation is perceived by

- a) Shoot tips
- b) Mature tissues
- c) Embryo tips
- d) Both (a) and (c)