

## Biology Fsc Part 1 Chapter 8 Online Test

Sr	Questions	Answers Choice
1	Which of the followign is not a funcon of xylem	A. Transport of water B. Transport of minerals C. <b>Transport of food</b> D. Mechanical support
2	Phase of cell elongatio is characterized by	A. <b>Increase in cell volume due to endosmosis</b> B. Non vacuolated cells C. Cell fully diferentiated D. Eachcel performs its specific functions
3	Pure wate rhas maximum water potential which by definition is.	A. <b>0</b> B. +1 C. +1200 kpa D. -600 kpa
4	Secondary growth refers to the	A. Increases in length of plant B. <b>Increase in thickness or girth of stem</b> C. Having primary tissue D. All of above
5	The early wood is also called.	A. <b>Spring wood</b> B. Late wood C. Winter wood D. Autumn wood
6	Which platn uses odour as a chemicla weapon to attracts its prey.	A. <b>sundew</b> B. Cobra lilly C. Pitcher platn D. Rose
7	Leaves modified into a sac, partly filled with water, numerous stiff hairs belongs to.	A. <b>Pitcher plant</b> B. Venus fly trap C. Sundew D. Cobra lilly
8	Cambium is highly active during.	A. <b>Spring</b> B. Winter C. Autumn D. Summer
9	The micronutrient which is critical for nitrogen fixation, nitrogen reduction, sulfur metabolism and iron utilization is.	A. Maganese B. Copper C. <b>Molybdenum</b> D. Zinc
10	Storage of sugars,resins, lates and mucilage takes place in	A. Sieve tube cells B. <b>Phloem parenchyma</b> C. Phloem fibres D. Companion cells
11	Process by whcih water evaporates from surface of leaf primarily through stomata.	A. <b>Transpiration</b> B. Guttaion C. Imbibition D. Cohesion
12	The cytoplasmic that extend through pores in cdjacent cell walls of plants are.	A. <b>Plasmodesmata</b> B. Stomata C. Lenticles D. All of the above
13	If a cell is placed in a solutin having high solute concentration relative to the intracellular envrionement of cell,, what happens after sometime.	A. Swelling of cell B. <b>Shrinking of cell</b> C. Busting of cell D. Cell remain unaffected
14	The pathway invovling a system of adjacent cell walls in plant roots for the transport of sap is called.	A. Symplast B. <b>Apoplast</b> C. Vacuolar D. ETC
		A. <b>Negativepressr ecreated by</b>

15	Which statement characterizes tension in TACT theory	<p>pulling force for continuous flow of water</p> <p>B. Attractive force between water and xylem walls</p> <p>C. attractive force between water molecules</p> <p>D. Both a and c</p>
16	A solution having reduced solute concentration relative to the intracellular environment of a cell is called.	<p>A. Hypotonic environment</p> <p>B. Hypertonic environment</p> <p>C. Isotonic environment</p> <p>D. None of these</p>
17	Cytokinins are characterized by	<p>A. Promote cytokinesis during cell division</p> <p>B. Increase rate of DNA replication</p> <p>C. Antagonist to gibberellins</p> <p>D. Both a and b</p>
18	Who proposed mass-flow hypothesis.	<p>A. Ernst Munch</p> <p>B. Van Mohl</p> <p>C. Dixon</p> <p>D. Van Neil</p>
19	the cells of phloem that transport sugars throughout the plant are.	<p>A. Companion cells</p> <p>B. Sieve tube cells</p> <p>C. Fibers</p> <p>D. Phloem parenchyma</p>
20	The theory which relies on the principle of osmotic pressure differences between source and sink regions is	<p>A. Pressure flow theory</p> <p>B. TACT</p> <p>C. Mass flow hypothesis</p> <p>D. Both a and c</p>