

## Biology Fsc Part 1 Chapter 8 Online Test

Sr	Questions	Answers Choice
1	Process by which water evaporates from surface of leaf primarily through stomata.	A. Transpiration B. Guttation C. Imbibition D. Cohesion
2	Through which structure does most of transpiration occur.	A. Stomata B. Phloem C. Root hairs D. Xylem
3	Which of the following has a perforated cell wall.	A. Vessel B. Fibre C. Tracheid D. Sclereid
4	A solution having reduced solute concentration relative to the intracellular environment of a cell is called.	A. Hypotonic environment B. Hypertonic environment C. Isotonic environment D. None of these
5	The cells that are grouped in the form of strands and cylinders, lack secondary cell walls.	A. Collenchyma B. Parenchyma C. Sclerenchyma D. Both a and b
6	Water molecules within xylem stick together forming an unbroken column from roots to the leaves due to.	A. Cohesion B. Adhesion C. Tension D. Transduction
7	The membrane of ..... is called tonoplast.	A. Vacuole B. Nucleus C. Lysosome D. ER
8	Cocklebur is an example of.	A. SDPs B. LDPs C. DNP D. FDPs
9	Sieve tube elements and companion cells are in communication with each other by	A. Vacuoles B. Plasmodesmata C. Stomata D. Gap junctions
10	Which of the following plant growth regulator promotes bolting of rosette plants.	A. gibberellic acid B. Indole acetic acid C. Cytokinins D. Ethene
11	Seaweeds and tape grass are examples of	A. Hydrophytes B. Xerophytes C. Halophytes D. Mesophytes
12	Which statement characterizes tension in TACT theory.	A. Negative pressure created by pulling force for continuous flow of water B. Attractive force between water and xylem walls C. Attractive force between water molecules D. Both a and c
13	Ethylene is a natural product of metabolism of plants which	A. Promotes flowering in pineapple B. Inhibits fruit ripening C. Promotes seed dormancy D. All of above
14	the cells of phloem that transport sugars throughout the plant are.	A. Companion cells B. Sieve tube cells C. Fibers D. Phloem parenchyma

15	The steeper the potential gradient the flow of water will be	A. Faster B. Slower C. Not affected D. Very slower
16	Mesophytes are DAPTED TO SURVIVE IN	A. Moderate environments B. Dry conditions C. Water environments D. All of above
17	The theory which relies on the principle of osmotic pressure differences between source and sink regions is	A. Pressure flow theory B. TACT C. Mass flow hypothesis D. Both a and c
18	Secondary growth refers to the	A. Increases in length of plant B. Increase in thickness or girth of stem C. Having primary tissue D. All of above
19	Osmotic potential is also called.	A. Water potential B. Solute potential C. Pressure potential D. Action potential
20	Who proposed that guard cells in leaf epidermis are solely responsible for photosynthesis.	A. H. Van Mohl B. Doxpm C. f. Sanger D. Van Neil