

Biology Fsc Part 1 Chapter 8 Online Test

Sr	Questions	Answers Choice
1	Which of the following cells are the extensions of epidermal cells.	A. Root hairs B. Tap roots C. Lateral roots D. Adventitious roots
2	Leaves modified into a sac, partly filled with water, numerous stiff hairs belongs to.	A. Pitcher plant B. Venus fly trap C. Sundew D. Cobra lily
3	The plant hormone which inhibits the stem and root growth is.	A. Auxin B. Ethylene C. cytokinins D. Gibberellin
4	The force which plays crucial role in maintaining continuity of water column during ascent of sap is	A. Adhesion B. Cohesion C. Tension D. Ionic bond
5	Mesophytes are ADAPTED TO SURVIVE IN	A. Moderate environments B. Dry conditions C. Water environments D. All of above
6	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
7	Cytokinins are characterized by	A. Promote cytokinesis during cell division B. Increase rate of DNA replication C. Antagonist to gibberellins D. Both a and b
8	The plants inhabiting saline soil are.	A. Halophytes B. Xerophytes C. Hydrophytes D. Marine hydrophytes
9	The hormone which overrides the effects of light and CO ₂ concentration in stomatal movement is.	A. Auxins B. Abscisic Acid C. Cytokinins D. Gibberellins
10	Which of the following is not a mesophyte.	A. Daisies B. Blue agave C. Tomatoes D. Rose
11	The leaves of some hydrophytes float on the surface of water, in such a leaf stomata are found in	A. Lower epidermis B. Upper epidermis C. Sides of leaf D. Deep depressions in leaf
12	The type of meristem found at the tips of roots and shoots.	A. Vascular cambium B. Apical meristem C. Lateral meristem D. Intercalary
13	The process by which an organism maintains a stable internal equilibrium of water and dissolved substance is.	A. Osmoregulation B. Thermoregulation C. Excretion D. Respiration
14	Which plant uses odour as a chemical weapon to attract its prey.	A. sundew B. Cobra lily C. Pitcher plant D. Rose

15	Plants that are adapted to survive in dry conditions	<p>A. Xerophytes B. Hydrophytes C. Mesophytes D. Halophytes</p>
16	Which statement describes cork cambium	<p>A. Formed in the outer layers of stem and roots B. Produce cork cells and bark C. Present at the tips of roots D. Both a and b</p>
17	Which feature belongs to vessels of xylem.	<p>A. Elongate and thin cells B. Living cells with thin walls, hold nutrients C. Shorter, broader, perforation plates D. All of above</p>
18	Duration of low temperature treatment varies from	<p>A. 3 days to 4 months B. 7 days to 1 year C. 4 days to 3 months D. 40 days only</p>
19	The TACT theory primarily explains	<p>A. The movement of nutrients in the plants B. The transport of water in plants C. The absorption of minerals D. The process of photosynthesis</p>
20	Which cells does not comprise xylem tissue.	<p>A. Sieve elements B. Xylem fibres C. Tracheids D. Vessels</p>