

Biology Fsc Part 1 Chapter 8 Online Test

Sr	Questions	Answers Choice
1	Which statement characterizes tension in TACT theory.	<p>A. Negative pressure created by 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>
2	The collective processes involved in the intake and utilization of nutrients for growth, repair and maintenance of activities in an organism is called.	<p>A. Reproduction</p> <p>B. Nutrition</p> <p>C. Excretion</p> <p>D. Digestion</p>
3	When sugar content in a cell increases the concentration of solute increases, what happens to the water potential	<p>A. Raises</p> <p>B. Drops</p> <p>C. Unchanged</p> <p>D. None of these</p>
4	Secondary growth refers to the	<p>A. Increase in length of plant</p> <p>B. Increase in thickness or girth of stem</p> <p>C. Having primary tissue</p> <p>D. All of above</p>
5	The micronutrient which is critical for nitrogen fixation, nitrogen reduction, sulfur metabolism and iron utilization is.	<p>A. Manganese</p> <p>B. Copper</p> <p>C. Molybdenum</p> <p>D. Zinc</p>
6	Pick the succulent plant	<p>A. Marigold</p> <p>B. Tape grass</p> <p>C. Rose</p> <p>D. Daisies</p>
7	In vernalization low temperature stimulus is received by	<p>A. Shoot apex</p> <p>B. Stem</p> <p>C. Leaves</p> <p>D. Root apex</p>
8	The velocity of sugar movement in phloem on average is	<p>A. 1 m / 8 year</p> <p>B. 1 m / hour</p> <p>C. 1 m / sec</p> <p>D. 1 cm / day</p>
9	Process by which water evaporates from surface of leaf primarily through stomata.	<p>A. Transpiration</p> <p>B. Guttation</p> <p>C. Imbibition</p> <p>D. Cohesion</p>
10	Which of the following plant growth regulator promotes bolting of rosette plants.	<p>A. gibberellic acid</p> <p>B. Indole acetic acid</p> <p>C. Cytokinins</p> <p>D. Ethene</p>
11	Which cells does not comprise xylem tissue.	<p>A. Sieve elements</p> <p>B. Xylem fibres</p> <p>C. Tracheids</p> <p>D. Vessels</p>
12	The plants having succulent leaves of stem grow in high concentrations of $MgSO_4$, $MgCl_2$ and $NaCl$ are called.	<p>A. Cacti</p> <p>B. Halophytes</p> <p>C. Halophytes</p> <p>D. Heliophiles</p>
13	Which of the following truly describes copper as a nutrient.	<p>A. Necessary for lignin synthesis</p> <p>B. Act as cofactor for enzymes</p> <p>C. Its deficiency can result in chlorosis twisted leaves and stunted growth</p> <p>D. All of the above</p>
14	The tissue of meristem found at the tips of roots and shoots.	<p>A. Vascular cambium</p> <p>B. Apical meristem</p>

		C. Lateral meristem D. Intercalry
15	The membrane ofis called tonoplast.	A. Vacuole B. Nucleus C. Lysosome D. ER
16	Which of the following is not tropic movement.	A. Phototropism B. Phototactic C. Thigmotropic D. Geotropic
17	Which of the following does not serve as a source of energy.	A. Water B. Lipids C. Proteins D. Carbohydrates
18	Who proposed mass-flow hypothesis.	A. Ernst munch B. VanMohl C. Dixon D. Van Neil
19	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
20	Pure water has maximum water potential which by definition is.	A. 0 B. +1 C. +1200 kpa D. -600 kpa