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1st Year Biology Solved Exercise MCQs

NAME:			ROLL NO:		TIME:	15: MIN
SUB:	Biology	Date:			CLASS:	1st Year
SYLLABUS	Chp. 8 (Plant Physiology)		T. MARKS	12	OBT. M	

Q. 1 Choose the Correct Answer. Cutting, Erasing, Double Selection is Strictly Prohibited. (1x12=12)

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 occurs:**
   (A) Root hairs (B) Phloem (C) Xylem (D) Stomata
3. **The TACT theory primarily explains:**
   (A) The movement of nutrients in the plants
   (B) The transport of water in plants
   (C) The absorption of mineral
   (D) The process of photosynthesis
4. **Which of the following is not a function of xylem:**
   (A) Transport of water (B) Transport of minerals
   (C) Transport of food (D) Transport of support
5. **Which f the followings has a perforated cell wall:**
   (A) Vessel (B) Fibre (C) Tracheid (D) Sclereid
6. **Exposure to low temperature stimulates the process of flowering in biennial or perennial plants:**
   (A) Dormancy (B) Photoperiodism
   (C) Vernalization (D) All of these
7. **Plants that are adapted to survive in dry conditions:**
   (A) Xerophytes (B) Hydrophytes
   (C) Mesophytes (D) Halophytes
8. **When sugar content in a cell increases the concentration of solute increases, what happens to the water potential:**
   (A) Raises (B) Drops
   (C) Unchanged (D) None of these
9. **In higher plant, transport of food materials occurs through:**
   (A) Companion (B) Sieve tube
   (C) Vessel element (D) Tracheids
10. **The plant hormone which inhibits the stem and root growth is:**
    (A) Auxin (B) Ethylene (C) Cytokinin (D) Gibberellin
11. **The leaves of some hydrophyte float on the surface of water. In such a leaf, stomata are found in:**
    (A) Lower epidermis (B) Upper epidermis
    (C) Side leaf (D) Deep depression in leaf
12. **Mesophytes are adapted to survive in:**
    (A) Moderate environments (B) Dry condition
    (C) Water environments (D) All of above

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Answer Key							
1	A	**2**	D	**3**	B	**4**	C
5	C	**6**	C	**7**	C	**8**	B
9	B	**10**	B	**11**	B	**12**	A