

Plant Physiology

Sr	Questions	Answers Choice
1	Which of the following are ways hydrophytes adapt to osmotic conditions.	A. Developing deep roots B. Developing sunken stomata C. Producing large leaves D. Having thick cuticle
2	What are the roles of stomata in plants.	A. Gaseous exchange B. Water absorption C. Transpiration D. Nutrient uptake
3	Which process is not involved in water transport in plants.	A. Photosynthesis B. Transpiration C. Root pressure D. Capillary action
4	Which ion plays a role in the opening of stomata.	A. Sodium B. Potassium C. Calcium D. Magnesium
5	In most plants the food is transported in the form of.	A. Maltose B. Sucrose C. Glucose D. Starch
6	According to pressure-flow theory one of the following is not a sink	A. Leaves B. Fruits C. Root D. Stem tubers
7	Most of the uptake of water and minerals from soil takes place through	A. Root cap B. Root hair C. Epidermal cells D. Root
8	Which of the following are not types of transpiration.	A. Stomata B. Lenticular C. Root D. Cuticular
9	The sugar moves through phloem is mostly in the form of.	A. Sucrose B. Lactose C. Maltose D. Glucose
10	Which of the following plant nutrients is required in large amount.	A. Iron B. Potassium C. Zinc D. Boron
11	Which of the following are not types of transpiration.	A. Root B. Stomatal C. Cuticular D. Lenticular
12	Under which condition, there will be high rate of transpiration?	A. High humidity B. Low light intensity C. Waterlogged soil D. Wind
13	All of the following are the adaptations of xerophytes except.	A. Thick cuticle B. Sunken stomata C. Deep root system D. Large number of stomata
14	Root hairs absorb salts from soil by	A. Diffusion B. Filtration C. Active transport D. Osmosis
15	The rate of transpiration is increased when	A. Light is low B. Temperature decreases C. Humidity increases D. None of these

16 The transpiration is regulated by
A. Xylem
B. Pholem
C. Guard cells
D. Mesophyll

17 When you suck a cold drink using drinking straw, It resembles with.
A. Diffusion
B. Flow of material in pholem
C. Flow of material in xylem
D. Root pressure

18 Most of the uptake of water and minerals from soil takes place through.
A. Root cap
B. Epidermal cells
C. Root
D. Root Hair

19 Which component is not the part of the plant's vascular system.
A. Stomata
B. Pholem
C. Xylem
D. Root hairs

20 What is the key role of leaves in managing waste in plants.
A. Storing waste materials
B. Producing chlorophyll
C. Absorbing water from the soil
D. Converting waste into energy
