

Plant Physiology

Sr	Questions	Answers Choice
1	The sugar moves through phloem is mostly in the form of.	A. Sucrose B. Lactose C. Maltose D. Glucose
2	The plants, which live completely or partially submerged in fresh water are.	A. Hydrophyte B. Halophytes C. Xerophytes D. Mesophytes
3	Succulent organs are present in .	A. Halophytes B. Xerophytes C. Hydrophytes D. Mesophytes
4	Most of the uptake of water and minerals from soil takes place through.	A. Root cap B. Epidermal cells C. Root D. Root Hair
5	Pressure flow mechanism is about	A. Transpiration B. Translocation of food C. Opening of stomata D. Transport of water
6	What roles does magnesium play in plants.	A. Aids in water transport B. Is a component of chlorophyll C. Promotes early root formation D. Involved in enzyme functions
7	Which element is required by plants for the formation of chlorophyll.	A. Magnesium B. Phosphorus C. Calcium D. Sulphur
8	In most plants the food is transported in the form of.	A. Maltose B. Sucrose C. Glucose D. Starch
9	Which component is not the part of the plant's vascular system.	A. Stomata B. Phloem C. Xylem D. Root hairs
10	The primary function of root hairs is.	A. Synthesis of proteins B. Increase surface area for absorption C. Storage of food D. Transport of nutrients
11	All of the following are the adaptation of xerophytes except.	A. Thick cuticle B. Sunken stomata C. Deep root system D. Large number of stomata
12	Which of the following is not a characteristic of xerophyte.	A. Have deep roots B. Have broad leaves C. Less number of stomata is present D. Presence of parenchyma
13	When you suck a cold drink using drinking straw, it resembles with.	A. Diffusion B. Flow of material in phloem C. Flow of material in xylem D. Root pressure
14	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
15	What is produced during respiration.	A. CO ₂ B. CO ₂ and H ₂ O C. H ₂ O D. H ₂

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- 16 Which of the following are not types of transpiration.
- A. Root
 - B. Stomatal
 - C. Cuticular
 - D. Lenticular
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- 17 Most of the uptake of water and minerals from soil takes place through
- A. Root cap
 - B. Root hair
 - C. Epidermal cells
 - D. Root
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- 18 Which category of plants stores a small amount of water and has a thin cuticle.
- A. Mesophytes
 - B. Succulents
 - C. Xerophytes
 - D. Hydrophytes
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- 19 Absorption of water molecules through root hairs is due to.
- A. Diffusion
 - B. Active transport
 - C. Osmosis
 - D. Pressure flow
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- 20 Which of the following is not function of roots in plants.
- A. photosynthesis
 - B. Absorption of water
 - C. Anchor the plant
 - D. Nutrient absorption
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