

Multiple Choice Questions

1 Select the correct answer.

- (i) It is found essentially in organic compounds.
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| (A) Calcium | (B) Nitrogen |
| (C) Carbon | (D) Phosphorus |
- (ii) Chlorosis does not occur due to the deficiency of
- | | |
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| (A) Sulphur | (B) Magnesium |
| (C) Phosphorus | (D) Calcium |
- (iii) Carnivorous plants use insects as a source of
- | | |
|------------|--------------|
| (A) Water | (B) Glucose |
| (C) Oxygen | (D) Nitrogen |
- (iv) Most of the uptake of water and minerals from soil takes place through
- | | |
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| (A) Epidermal cell | (B) Root cap |
| (C) Root | (D) Root hair |
- (v) Which of the following is closest to the center of a woody stem;
- | | |
|----------------------|-----------------|
| (A) Vascular cambium | (B) Young xylem |
| (C) Old phloem | (D) Old xylem |
- (vi) Symplast is the movement of water through;
- | | |
|------------------------|-----------------|
| (A) Vacuoles | (B) Cell walls |
| (C) Cytoplasm of cells | (D) Interspaces |
- (vii) Guard cells are the only cells of epidermis, which have;
- | | |
|---------------|------------------|
| (A) Vacuoles | (B) Chloroplasts |
| (C) Cytoplasm | (D) Leucoplasts |
- (viii) The sugar moves through phloem is mostly in the form of;
- | | |
|-------------|-------------|
| (A) Glucose | (B) Sucrose |
| (C) Maltose | (D) Lactose |
- (ix) Succulent tissues are formed in;
- | | |
|-----------------|------------------|
| (A) Hydrophytes | (B) Thallophytes |
| (C) Mesophyll | (D) Xerophytes |
- (x) Collenchymas is a supporting tissue in;
- | | |
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| (A) Seeds | (B) Seeding |
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(xi) The phenomenon of growth includes;

- (A) Cell differentiation (B) Cell elongation
(C) Cell maturation (D) Cell decomposition

(xii) A researcher, who wants to study the composition of a plant's sap, inserts capillary tube into the phloem. What causes the sap to flow out of the tube;

- (A) Capillarity (B) Hydrostatic pressure
(C) Root pressure (D) Transpiration stream

ANSWERS

- (i) C (ii) C (iii) D (iv) D (v) D (vi) C
(vii) B (viii) B (ix) D (x) B (xi) B (xii) B

