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**Q1. Major part of dry weight of a plant is derived from elements obtained from**

1. Soil
2. Air
3. Water
4. Decomposing organic matter

**Answer: 2**

**Q2. major function of phosphorus is in the formation of**

1. Cell membranes
2. Cell wall
3. Enzymes
4. Carbohydrates

**Answer: 1**

**Q3. Minerals are absorbed by the plants, through**

1. Pressure flow
2. Diffusion
3. Active transport
4. Osmosis

**Answer: 3**

**Q4. Magnesium is required for**

1. DNA replication
2. RNA synthesis
3. Stomatal movements
4. Synthesis of chlorophyll

**Answer: 4**

**Q5. Potassium is employed in**

1. Chlorophyll synthesis
2. Protein synthesis
3. Cementing synthesis
4. Opening and closing stomata

**Answer: 4**

**Q6. Calcium is a component of**

1. Middle lamella

2. Primary walls
3. Secondary walls
4. Chlorophyll

**Answer: 1**

**Q7. Both nitrogen and sulphur are required by plants for**

1. Chlorophyll synthesis
2. Enzymes
3. Cell wall
4. Stomatal movements

**Answer: 2**

**Q8. Chlorosis results from deficiency of**

1. Chlorine
2. Sodium
3. Calcium
4. Magnesium

**Answer: 4**

**Q9. Micronutrients mainly function as**

1. Osmotic constituents of cell sap
2. Components of important biochemicals
3. Cofactors of enzymes
4. Constituents of chlorophyll

**Answer: 3**

**Q10. Critical elements are**

1. Na, K and Ca
2. N, P and Mg
3. N, P and K
4. Mn, B and Mo

**Answer: 3**