

Attempt **SIX** Questions in all. **Section-A** is **Compulsory**. Attempt any **FIVE** questions from **Section-B**.

### **SECTION-A**

1- Briefly answers the following questions:

2x5=10

- a) Differentiate between Stilt roots and Prop roots.
- b) Write botanical names of Sarson Amaltas, Rose, Sun Flower.
- c) What are Sieve tubes? Write its function.
- d) Differentiate between Drupes and Berries.
- e) What is Simple Inflorescence? Differentiate between Corymb and Corymbose.

### **SECTION-B**

- 2- Describe structure of Anatropous Ovule. Explain with diagram. 5
- 3- Write floral characters, important genera and economic importance of family Poaceae. 5
- 4- Describe Simple Succulent Fruits giving examples. 5
- 5- What is Secondary Growth? Describe secondary growth in Dicotyledonous Stem. 5
- 6- Describe aims and objectives of Plant Systematics. 5
- 7- Describe the structure of Dicot Root with labeled diagram. 5
- 8- a) Describe the structure of Bordered Pit. 2  
 b) Write a note on Parenchyma. 3
- 9- a) What is Compound Leaf? Describe its types. 2  
 b) Justify the statement that flower is modified shoot. 3

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