



2. Write 'true or false'.
- Plicate corolla is present in Solanaceae.
 - Vinblastin is extracted from Rauvolfia.
 - Drupe is a fleshy fruit.
 - Kidney-shaped anther is a diagnostic character of Annonaceae.

3. Fill in the blanks.

- _____ mechanism of pollination is found in Lamiaceae.
- Gland dotted leaves are found in _____ family.
- _____ disease is caused by *Pyricularia oryzae*.
- The standard size of herbarium sheet is _____

4. Match the following :

	A	B	C
i)	Eleusine coracana	Euphorbiaceae	Fibre
ii)	Hevea braziliensis	Apocynaceae	Endosperm
iii)	Rauvolfia serpentina	Tiliaceae	Root
iv)	Corchorus capsularis	Poaceae	Latex

5. Answer in **one** word or in **one** sentence.

- Capitulum.
- Sagittate anther.
- Lodicule.
- Hemicyclic arrangement.

(Weightage : 5×1=5)

SECTION – B

Answer **any four**. (Differentiate the following ; **Each** carries a weightage of 1.)

- Androecium in Annonaceae and Malvaceae.
- Natural and phylogenetic system of classification.



- Simple and aggregate fruit.
- Axile and Parietal placentation.
- Spices and Pulses.
- Ovary of Apocynaceae and Solanaceae. (Weightage : 4×1=4)

SECTION – C

Answer **any five**. (Short answer questions ; **Each** carries a weightage of 1.)

- What is an umbel ? Name the family in which it forms a diagnostic character.
- Define placentation.
- What is a herbarium ?
- Write the symptoms of Leaf mosaic of Tapioca.
- What is obdiplostemonous androecium ? Write the family in which it is observed.
- What is resupination ?
- Write the binomial and family of Cotton and Indigo. (Weightage : 5×1=5)

SECTION – D

Answer **any six**. (Short essay questions ; **each** carries weightage of 2.)

- What are the salient features of Malvaceae ?
- Give an account of Multiple fruits with two examples.
- Illustrate various types of adnation in Solanaceae.
- Describe the structure of spikelet.