



27324(New)

B.Sc. III Semester Degree Examination, March/April - 2021

**BOTANY**

**Morphology, Taxonomy of Angiosperms & Economic Botany**

**Paper : 1:3**

**(New)**

**Time : 3 Hours**

**Maximum Marks : 60**

**Instructions to Candidates:**

- 1) **Part - A** is Compulsory.
- 2) **Part - B** answer any **five** questions.
- 3) Labelled diagram will enhance the value of answer.

**PART - A**

Answer the following questions.

(10×1=10)

1. What are photosynthetic roots? Give example.
2. What are insectivorous plants? Give example.
3. What are stem tendrils? Give example.
4. What is pepo? Draw diagram.
5. Differentiate between helicoid & scorpid cyme.
6. Write the Botanical name of Safflower Mention its family & uses.
7. Write the botanical name of Ganja & opium & its uses.
8. Write the two Economic plants of liliaceae.
9. Name the three Subfamilies of Leguminosae.
10. Name the botanical name of two important citrus fruits.

**PART - B**

Answer any **five** of the following.

(5×10=50)

1. a) Describe tap root modification for storage of food. (5)  
b) Describe root modification for mechanical support. (5)
2. a) Describe the modification of underground stem. (5)  
b) Differentiate between phylloclades & cladodes. (5)
3. a) Describe the plant parts which carryout photosynthesis and transpiration. (5)  
b) Describe the leaf tendrils? Draw & label the two examples. (5)

[P.T.O.]



(2)

27324(New)

4. a) Describe the special types of Inflorescences. (5)  
b) What is aestivation? Draw & label the diagram. [diag] (5)
5. a) Write about botanical Garden & its importance. (5)  
b) Write the ICBN principals. (5)
6. a) Write the Salient features of family Lamiaceae. (5)  
b) Write the Salient features of family Cucurbitaceae. (5)
7. Write the salient features of poaceae. Give the three example with botanical name & uses. (10)
8. Write the salient features of Rubiaceae? Give any three examples with botanical name & uses. (10)

---

<https://www.uomonline.com>

Whatsapp @ 9300930012

Send your old paper & get 10/-

अपने पुराने पेपर्स भेजे और 10 रुपये पायें,

Paytm or Google Pay से

<https://www.uomonline.com>