

SATAVAHANA UNIVERSITY – KARIMNAGAR
UG PRACTICAL EXAMINATIONS - B.Sc (CBCS) BOTANY – III YEAR
SEMESTER - VI, PAPER - X
(Seed Technology)
Question Bank

I. A. Major Experiments.

1. Estimation of amylase activity in germinating seeds.
2. Seed viability test by triphenyl chloride (TTC)

II. B. Minor Experiments.

3. Dissection of Dicot/Monocot embryo.
4. Emasculation/Bagging of flower.

III. Identify and write critical notes on the given plant specimens /Slides.

C. Types of Ovules.

5. Orthotropous Ovule
6. Anatropous Ovule.
7. Campylotropous Ovule.
8. Circinotropous Ovule.

D. Types of Pollen grains

9. *Catharanthus* - Pollen grains.
10. *Hibiscus* – Pollen grains
11. *Acacia* – Pollen grains.
12. *Zea* – Pollen grains.

E. Importance of Seeds.

13. Rice.
14. Cotton.
15. Sun flower.

IV. Record

V. Viva

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Practical Model Paper

Time- 2.30 hrs

Max Marks-25

- I. A. Major Experiment.**
(Procedure and Experiment -04, Observations and Results -04)
08-marks
- II. B. Minor Experiment.**
(Procedure and Experiment- 03, Observations and Result- 03)
06-Marks
- III. Identify and write critical notes on the given plant materials /photographs**
(Identification -01 and Description -01)
- C.Types of Ovules.**
D.Types of Pollengrains.
E. Importance of Seeds.
(3x2) 06-Marks
- IV. RECORD and VIVA.**
(3+2) 05- Marks

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