

Roll.No.

24UPBET5B01

SHRIMATHI DEVKUNVAR NANALAL BHATT VAISHNAV COLLEGE FOR WOMEN  
(AUTONOMOUS)

(Affiliated to the University of Madras and Re-accredited with 'A+' Grade by NAAC)

Chromepet, Chennai - 600 044.

B.Sc PBPBT - END SEMESTER EXAMINATIONS - NOVEMBER 2025

SEMESTER - V

**24UPBET5B01-Seed Technology**

Total Duration : 2 Hrs.30 Mins.

Total Marks : 60

### **Section B**

Answer any **SIX** questions ( $6 \times 5 = 30$  Marks)

1. Illustrate and describe the structural details of the paddy seed.
2. Interpret the factors affecting germination.
3. Analyse the TTC viability test procedure.
4. Explain primary and secondary dormancies.
5. Describe the different classes of seed certification.
6. Relate the structural details of an oilseed and fibre seed.
7. Enumerate the seed quality characters indispensable for certification.
8. List the treatments that induce germination .

### **Section C**

Answer any **THREE** questions ( $3 \times 10 = 30$  Marks)

9. Illustrate and explain the morphological and structural details of Dolichos seed and wheat.
10. Relate the physical and chemical changes that take place during germination.
11. What is seed vigour? What are the methods to test seed vigour?
12. Explicate the various methods of breaking dormancy.
13. Appraise the phases of seed certification and validity period of the certificate.

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