Q.P. Code No.16429

Fourth Semester B.Sc., Degree Examinations

May / June 2026

(SEP Scheme) (Elective)

BOTANY

Sub. Code : SED6290 : Seed Health Testing Methods

Time: 2 hrs.] *[Max.Marks:40*

Instruction to the Candidates :

Draw neat and labelled diagrams wherever necessary.

SECTION – A

I. Answer the following questions. **(5X2=10)**

1. What is seed testing report ?
2. Write two definitions of seed.
3. Define seed viability. Mention any one test.
4. What is seed deterioration ?
5. What is Heterogeneity test ?

SECTION – B

II. Answer any FOUR of the following questions. **(4X5=20)**

1. Name the instruments used to estimate seed moisture. Explain any one.
2. Describe monocot seed with neat labelled diagram.
3. Mention the five significance of seed health test.
4. Explain the methods used to break seed dormancy.
5. Mention the seed purity standards.
6. Explain SB method of seed germination.

SECTION – C

III. Describe any ONE of the following in detail. **(1X10=10)**

1. What is seed vigour ? Explain the seed vigour testing methods.
2. What is physical purity of seed ? Mention the objective and components of analysis.

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