

2403001303061001
EXAMINATION NOVEMBER 2024
BACHELOR OF SCIENCE (BIO TECHNOLOGY) (MASTER OF
SCIENCE (BIO TECHNOLOGY) 5 YEAR INTEGRATED
COURSE) (NCF-NEP) (THIRD SEMESTER)
SEC-SEED TECHNOLOGY THEORY - LEVEL 6

[Time: As Per Schedule]

[Max. Marks: 13]

Instructions:

1. Fill up strictly the following details on your answer book

- a. Name of the Examination : **BACHELOR OF SCIENCE (BIO TECHNOLOGY) (MASTER OF SCIENCE (BIO TECHNOLOGY) 5 YEAR INTEGRATED COURSE) (NCF-NEP)(THIRD SEMESTER)**
- b. Name of the Subject : **SEC-SEED TECHNOLOGY THEORY - LEVEL 6**
- c. Subject Code No : **2403001303061001**

2. Sketch neat and labelled diagram wherever necessary.
3. Figures to the right indicate full marks of the question.
4. All questions are compulsory.

Seat No:

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Student's Signature

Q.1 Write any thirteen

13

1. Full form of IBIS Database.
2. One large and shield shaped cotyledon it's called _____?
3. Name of two monocot seed _____, _____.
4. The seeds that germinate only in darkness are called _____ seeds.
5. _____ acts as the survival mechanism as these species do not germinate until adverse conditions end.
6. Factors outside the embryo characterize _____ dormancy.
7. _____ dormancy is determined by phenols, coumarin, and abscisic acid factors.

8. Endogenous dormancy is imposed by a _____ occurring at the time of maturity.
9. Seeds that require a specific temperature for their germination are called _____ dormant.
10. In hot water scarification hot water with temperatures ranging from _____ °C.
11. Full form of ABA.
12. .Based on their tolerance to desiccation, seeds can be divided into which two main groups?
13. Seeds that are to be stored short-term less than _____ years.
14. Which technique determines the viability of seeds on three consecutive days?
15. Average life span of a seed is _____ years.
