

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION

B.Sc. (Hons.) Agri. Business Management

[ICAR-Sixth Deans' Committee Recommended Syllabus]

Semester	: II (New)	Term	: Second	Academic Year	: 2024-25
Course No.	: SST-121	Title	: Principles and Practices of Seed Science and Technology		
Credits	: 2(1+1)				
Day & Date	: Friday, 04.07.2025	Time	: 10:00 to 12:00 hrs.	Total Marks	: 40

- Note :**
1. Solve ANY EIGHT questions from SECTION 'A'.
 2. All questions from SECTION 'B' are compulsory.
 3. All questions carry equal marks.
 4. Draw neat diagram wherever necessary.

SECTION 'A'

- Q.1 Define Quality seed. Explain the characteristics of quality seed.
- Q.2 Enlist the different Seed legislatures. Explain PPV&FRA, 2001.
- Q.3 Explain the different classes of seed in India.
- Q.4 Define Varietal deterioration. Explain the causes of variety deterioration.
- Q.5 What do you mean by Seed storage? Explain different types of storage conditions.
- Q.6 Explain the seed production of hybrid maize by using following points:
a) Isolation distance b) Planting ratio c) Field inspection d) Detasseling
- Q.7 Write short notes on (Any Two):
a) Types of seed programme
b) Seed Multiplication Ratio
c) Importance of account keeping in seed business
- Q.8 What are different factors affecting seed marketing?
- Q.9 Explain the basic principles followed in varietal seed production of wheat.
- Q.10 Discuss the importance of seed packaging along with its methods.

SECTION 'B'

- Q.11 Do as directed:
1) Foundation seed is a progeny of _____.
2) Headquarters of the National Seed Corporation is located at _____.
3) Define: Single cross hybrid.
4) Expand: SRR.
- Q.12 State True or False:
1) Isolation distance for pearl millet hybrid seed production in Foundation and Certified seed is 400 m and 200 m, respectively.
2) Tetrazolium test is called as Seed viability test.
3) The colour tag for Certified seed is white.
4) Removing of off-type plants, diseased and unwanted plant from the seed plot, is called as Roughing.



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