

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION

B.Sc.(Hons.) A.B.M.

Semester	: IV(New)	Term	: Second	Academic Year	: 2021-22
Course No.	: BOT 243	Title	: Principles and Practices of Seed Science and Technology		
Credits	: 2 (1+1)				
Day & Date	: Friday, 16.09.2022	Time	: 14:00 to 16:00 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 Write down the different classes of seeds.
- Q.2 Write the factors affecting varietal deterioration.
- Q.3 How can we maintain genetic purity during seed production?
- Q.4 Enlist and explain different types of seed programmes.
- Q.5 Give the difference between seed and grain.
- Q.6 Write down the certified seed production in brinjal on the following points:
- a) Land requirement b) Isolation requirement c) Cultural practices
- d) Harvesting and threshing e) Seed yield
- Q.7 Write down the importance of seed technology in agriculture.
- Q.8 Give the characteristics of good quality seed.
- Q.9 Write down the certified seed production in wheat on the following points:
- a) Land requirement b) Isolation requirement c) Rouging
- d) Harvesting and threshing e) Seed yield
- Q.10 Define seed marketing. Describe the factors affecting seed marketing.

SECTION 'B'

- Q.11 Match the pairs:

'A'

- 1) Nucleus seed
- 2) Foundation seed
- 3) Registered seed
- 4) Certified seed

'B'

- a) Purple colour
- b) Blue colour
- c) White colour
- d) Golden yellow colour

- Q.12 Define the following terms:

- 1) Seed quality
- 2) Isolation distance
- 3) Seed processing
- 4) Seed vigour

