MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END THEORY EXAMINATION
B.Sc.(Hons.) Horticulture

Semester	: VI (New)	Term	: Second	Academic Year	: 2023-24
Course No.	: H/VS 367	Title	: Seed Production of Vegetables, Tuber and Spice Crops		
Credits	: 3 (2+1)				
Day & Date	: Monday, 15.04.2024	Time	: 14:00 to 17:00 hrs.	Total Marks	: 80

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 Describe in brief the scope and importance of vegetable seed production.

Q.2 Write in detail the seed production of onion on the following points:

a) Seed production methods b) Field inspection

c) Isolation distance d) Harvesting and Storage of seed

Q.3 Discuss in brief about principles of vegetable seed production.

Q.4 Write in detail the seed production of bitter gourd on the following points:

a) Planting season b) Seed rate and Isolation distance

c) Spacing and Field inspection d) Harvesting and Seed yield

Q.5 Write in detail the seed production of brinjal on the following points:

a) Isolation distance b) Transplanting

c) Field inspection d) Harvesting and Seed yield

Q.6 Write in detail the seed production of fenugreek on the following points:

a) Seed rate and Planting b) Field inspection

c) Isolation distance d) Harvesting and Storage of seed

Q.7 Write in detail the seed production of coriander on the following points:

a) Planting season b) Seed rate and Isolation distance

c) Spacing and Field inspection d) Harvesting and Seed yield

Q.8 Write short notes on (Any Two):

a) Certified seed

b) Role of Temperature in seed production

c) Seed standards

Q.9 Write in brief about seed production of pea on the following points:

a) Soil and Climate b) Varieties

c) Roughing d) Harvesting and Seed yield

Q.10 Enlist the methods of seed drying and explain any one in detail.

(P.T.O.)

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SECTION 'B'

Q.11 Define the following terms:

1) Nucleus seed

2) Pollination

3) Roughing

4) Hermaphrodite flower

5) Monoecious

6) Off type

7) Dichogamy

8) Anthesis

Q.12 Match the pairs:

'A'	'B'
1) Chilli	a) Blue tag
2) Okra	b) New Delhi
3) Seed Policy	c) Parbhani Kranti
4) NSC	d) PDKV Hirkani
5) Certified seed	e) 1988
6) Onion	f) 1966
7) Seed Act	g) White tag
8) Foundation seed	h) Akola Safed

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