MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE
SEMESTER END EXAMINATION

B.Sc. (Hort.)

Semester	: VI (New)	**Term**	: II	**Academic Year**	: 2016-17
Course No.	: H/VS 364				
Credits	: 3 (2+1)	**Title**	: Seed Production in Vegetable Crops		
Day & Date	: Thursday, 27.04.2017	**Time**	: 09.00 to 12.00	**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 diagrams wherever necessary.

Dr. Panjabrao Deshmukh Krishi Vidyapeeth's College of Horticulture AMRAVATI
Library Department

SECTION "A"

Q.1 Discuss in brief scope and importance of vegetable seed production.

Q.2 Describe in brief principles of vegetable seed production.

Q.3 Write in detail about different classes of seed.

Q.4 Discuss in brief about climatic factors affecting vegetable seed production.

Q.5 Explain different steps in seed production of chilli.

Q.6 Write in detail about field inspections of following crops.

1) Tomato
2) Cabbage
3) Dolichos bean
4) Okra

Q.7 Write short notes.

1) Agencies of pollination
2) Field and seed standards of onion seed production

Q.8 Write about seed production of cauliflower with respect to following points.

1) Methods of seed production
2) Field standards
3) Seed standards
4) Field inspections

Q.9 Write in brief about seed certification legislation and enlist statutory bodies and agencies of seed certification.

Q.10 Write about field and seed standards of radish and cucumber.

SECTION "B"

Q.11 Complete the following table.

Sr.No.	Vegetable crop	Isolation distance (m)	
		Foundation seed	Certified seed
1)	Brinjal	200	100
2)	Bitter gourd		
3)	Methi	10	5
4)	Carrot		

(P.T.O.)

agromind.in
Telegram - AgroMind

Q.12 State True of False.

1) Seed Act was passed in 1956. F 1966.
2) Water melon is self pollinated vegetable crop. F
3) Foundation seed is labeled with white colour tag. T
4) Isolation distance in self pollinated crops is always more than that in cross pollinated crops. F
5) The initial handful of seed obtained from selected individual plants of particular variety by the breeder is called nucleus seed. T
6) The minimum isolation distance in foundation seed production is always kept greater than that in certified seed production. T
7) Seed dormancy means inability of seeds to germinate under unfavorable environmental conditions. F
8) The seed production of cole crops is done in winter season as they require cold stimulus for flowering. T

agromind.in

Telegram - AgroMind