(P.T.O.)

MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE SEMESTER END EXAMINATION

				B.Sc.	(Ho	rt.)	
Semester Course No. Credits Day & Date		: : : :	V (New) H/VS 353 3(2+1) Wednesday, 15.11.2017	Term Title Time		:	ar deferming or of a
N	ote :	1. 2. 3. 4.			rom B" a	SE are	compulsory.
				SECT			Library Department
Q.1	Enlist with i	di ts a	fferent breeding method advantages and disadvan	s in vege			crops and write about plant introduction
Q.2	What do you mean by mutation? Write advantages and disadvantages of mutation breeding.						
Q.3	What do you mean by self incompatibility? Write classification of self incompatibility.						
Q.4	Write methods of reproduction. Describe types of apomixis and write advantages and disadvantages of apomixes.						
	What do you mean by mass selection? Write advantages and disadvantages of mass selection.						
Q.6	Write about objectives of breeding in cucumber and write floral biology of cucumber.						
Q.7	Write short notes (Any Two).						
	a) P	oll	ination and pollinating ag	gencies			
	•		mplasm collection tres of Origin				
Q.8	Write about breeding techniques in tomato considering the following points.						sidering the following points.
	a) (Obj	ectives	-	b)	E	Emasculation
	c) S	self	fing technique		d)	С	Crossing technique
Q.9	Write about breeding techniques in okra considering the following points.						
	a) ()bi	ectives		b)	E	Emasculation
		-	ificial Pollination		d)	V	Varieties with their desirable characteristics
Q.10			ne importance and scope	of veget	able	e bi	reeding in India.

SECTION "B"

- Q.11 State True or False.
 - 1) Godavari is a variety of onion.
 - 2) Release of pollens from anthersac is known as dehiscence.
 - 3) Konkan Jwala is a variety of chilli.
 - 4) Sudden change in characters of plant is known as mutation.
 - 5) Monoceousness is observed in brinjal.
 - 6) Orthodox type of seed remains viable below 10 per cent moisture.
 - 7) Unisexual flowers are observed in watermelon.
 - 8) In cucumber, pollen viability is only four days.
 - Q.12 Match the following pairs.

"A"

- 1) Diachogamy
- 2) Germplasm
- 3) Pureline
- 4) Arka anamika
- 5) Interspecific cross
- 6) Seed
- 7) Cole crops
- 8) Pedigree

"B"

- a) Yellow vein mosaic resistant variety of 06
- b) Hybrid of same genome
- c) Dormant embryo
- d) Collection of promising types
- e) Record of progenies
- f) Dehiscence and stigma receptivity is not a same time
- g) Progeny of single self sterilized homozym plant
- h) Anthesis between 9.00 a.m to 3.00 p.m

