## MAHARASHTRA AGRICULTURAL UNIVERSITIES EXAMINATION BOARD, PUNE SEMESTER END EXAMINATION

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			/ (Nam)	B.Sc. (H	ort.)	o.vario.			
Semeste	r		V (New) H/VS 353	Term	:	I	Academ	ic Year : 20	016-17
Course	No.	-	3(2+1)	Title		D. v			010-17
Credits	Date		Saturday, 19.11.2016		•	Breeding	of Vegeta	ble Crops	
Day & I	ote:	1.		Time	:	14.00 to 1	7.00	Total Marks	: 80
N	016.	2.	Solve ANY EIGHT ques All questions from SECT All questions carry equal	tions from	n SEC	TION "A	<b>.</b> ".		
		3.	All questions carry equal	TO'A "B"	are c	compulsory	Y -		-
		4.	Draw neat diagrams when	rever nece	ssarv		1 - 17	TO OI HOW	
				SECTION	V "A"	,	4, 14	LVITI	1
Q.1	Write	im	portance and scope of ve	getable b	reedi	ng.	-willy L	epadment	
Q.2	Enlis	t dif	ferent components of ger	netic reso	urces				ration
Q.3	Defir polli	ie po	ollination. Describe the v	arious m	echar	nisms whi	ch promo	te self and cro	SS
Q.4	Enlis	t dif	fferent methods of vegeta	hle bread	l: 1	D'!		1	4had
	Write	e sh	ort notes (Any two).	ore breed	iing.	Describe 1	in detail th	je pedigree me	inog.
Q.5			introduction						
					2) M	utation br	eeding		
			opment of seedless water		IL.		,		
Q.6	Defi	ne h	lybridization and explain	in detail 1	the st	eps involv	red in hyb	ridization.	
Q.7	Writ bree	te in	n detail crop improvem g methods.	ent and	achie	vements	in pea th	rough differe	nt
Q.8			self incompatibility. Er le crops with examples.	alist diffe	rent	types of	self-inco	mpatibilities	in
Q.9	•		various mechanisms of g for disease resistance in				crops. En	list methods	of
Q.10	Giv	e th	e objectives of breeding in	n followir	ng ve	getable cr	ops (Any t	two).	
	1) 7	Γom	ato 2) C	auliflowe	r		3) Carrot		
			$\Delta \Theta$	SECTIO	N "B	"			
Q.11	De	fine	the following terms.						
	1)	Hap	oloid		2) N	Male steril	ity		
		_	ltiple cross		4) E	Backcross			
			thetic variety		6) (	Synocious	;		
			nogamy		8) I	nbred line			
0.13			the blanks.						
			ng form of AICVIP is						
			/RDC is situated at						1
			ra is pollina						
	4)	He	ad quarter of IPGRI is loc	ated at					
			entre of origin of tomato is						
			e cross between different				ıs is know	n as	<u> </u>
			utation theory was put for						
	8	) _	is called father	of plant	gener	ic resourc	e.		