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P.T.O.

	6. 5.5	K20P 0066
Reg. No. :	THALAS	
Name:	owing:	
	Admission Onwards BOTANY	9) Plant breeding institut
BOT4E	:08 : Crop Improveme	10) Somatic variation. In
Time: 3 Hours		Max. Marks: 60
I. Answer any two of the follow	ring:	ngmi gota la selai (2×8=16)
	origin, genetic variability, of following crops Cashew	breeding technique and Elemente
		15) Genetically engineered
 Write a brief account of pla of agencies in plant genet 	The state of the s	explain the involvement
Give a historical account context.	and role of Biotechnolog	gy in Indian and Global
 Write an account of introd plant types with reference 		and breeding of model
II. Answer any two of the follow	ving:	(2×6=12)
5) a) Haploids.b) Genetics of stress resistant	stance.	1 21) Terminator seed tach
c) Mutation breeding.		22) Resistance breeding t
6) a) Give an account on org	ganizational setup of UPC	ov. 23) Inbreeding depression
b) Research activities of (2 24) Heterosis.
c) Achievements of ICAR	any.	1 25) System of incompatib
7) a) Role of domestication.	1	2

b) Plant introduction and acclimatization improvement.

c) Selection of segregating populations.

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III. Answer any six of the following:	(6×3=18)
9) Plant breeding institutes.	V Semester M.Sc. Degree (CBSS-Reg./S (2014 Admissio BOTA
10) Somatic variation. Inemovorgml	BOT4E08: Crop
11) Clonal selection.	
12) Principles of crop improvement.	
13) Application of euploidy.	
15) Genetically engineered crops.	
V. Answer any seven of the following :	(7×2=14) (7×2=14)
17) Genetic variability.	
18) Role of domestication.	
19) Transgenic plants.	
20) Patent laws.	
21) Terminator seed technology.	
22) Resistance breeding for pest.	
24) Heterosis.	
25) System of incompatibility.	
2	7) a) Role of domestication.