

c) Hybrid breakdown.

10) a) RRII - location and governance.

Reg. No. :	L. Answer any six of the follow
Name :	12) Burean Wise
IV Semester M.Sc. Degree (CBSS – Reg./Suppl. (In Examination, April 26 (2014 Admission Onwa BOTANY BOT4E08 : Crop Improve	rds) and a change (a)
ROTE	
Time: 3 Hours	Max. Marks : 60
I. Write essays on any two of the following :	(2×8=16
1) Origin, variability, breeding perspectives and	major achievements in Coffee.
2) Centres of origin of cultivated plants as propo	osed by Vavilov.
3) Floral biology, hybridization and major hybrid	Is produced in coconut.
4) Nitrogen fixation-genetics and its importance	Willia short answers to any 3
5) Transgenic plants and their role in future agr	iculture.
6) Patenting of life forms and obtaining GI statu	s for agricultural products.
II. Answer any two of the following :	(2×6=12)
<ol><li>a) Floral biology of rice.</li></ol>	1
<ul> <li>b) Utilization of male sterility in hybrid rice pr</li> </ul>	roduction. 2
<ul> <li>c) Kaipad and Pokkaii rice farming.</li> </ul>	annithin (RS 3
<ol><li>a) Introduction of tea to South India.</li></ol>	mond distant (65 1
<ul> <li>b) Major species of tea cultivated.</li> </ul>	2003 State costs
<ul> <li>c) Oolong tea and green tea.</li> </ul>	gridbeendril (Tri. 3
a) Role of triploidy in crop improvement.	Jose bevorgnt (50 1
<ul> <li>b) Allopolyploidy and the evolution of cotton.</li> </ul>	2

b) IISR - location, governance and major mandatory crops.

c) CPCRI - location, governance and mandatory crops.

## K21P 0186



III. An	swer any six of the fol	lowing briefly.	(6×3=18)
	Durum wheat.		
	Bt cotton.		
		selection.	
14)		Examination, April 282 n	
15)		(2014 Admission Onward	
		gens used in plant breeding.	
	Breeding for stress re	susandimi data tantis na	
18)	nod genes.		
	Importance of seed st	orage proteins.	
20)	Terminator seeds.	Estage on any two of the followings	
21)	Sustainable agricultur	e. Verland estimated problems will share out	
	Cryopreservation		
IV Wr		ny seven of the following questions.	
	I a series and a		
2000000			
	RRII 105.		
$(S, \Gamma = 0)$	CxR.		
27)	Camellia assamica.		
A STATE OF THE PARTY OF THE PAR	Njallani.		
	Sharbati Sonora.		
	Back cross.		
	Inbreeding.		
	Improved seed.		
	Heterosis.		
0.000	Patent laws.		
	Floral biology.		

8 36) Wide hybrids. The statement has sponsored and control - 19595 (a