M. SC. (BIOTECHNOLOGY) SEM-III (2012 COURSE)(CHOICE BASED CREDIT SYSTEM): WINTER - 2017 SUBJECT: PLANT BIOTECHNOLOGY

	09	iursday /11/2017	W-2017-0972	Time: 10.00 AM TO 01.00 Max. Marks: 60	PM
N. B.	<u> </u>				
14. 2.	1)	Q. No. 1 and Q. No. 5 are COMPULSORY. Answer ANY TWO from questions 2, 3, 4 and 6, 7, 8.			
	2)	Figures to the righ	t indicate FULL marks.		
	3) Answers to both the sections should be written in SEPARATE answ				ks.
	4)	Draw neat and lab	elled diagram WHEREV	VER necessary.	
			SECTION - I		
Q. 1		Answer the following questions in brief:			
	a)	•			
	b)				
	c)	<u> </u>			
	d) e)	Significance of hybrid plants. Science of plant breeding.			
	c)	Science of plant of co	unig.		
Q. 2		Answer the following questions:			(10)
	a) b)	What are the conservation strategies of plant diversity? Describe methods of breeding in cross pollinated crops.			
Q. 3		Explain the following	5 :		(10)
	a) b)				
Q. 4		Write short notes on ANY TWO of the following:			(10)
	a)b)c)				
			SECTION - II		
Q. 5		Answer the following questions:			(10)
	a) b)				
Q. 6		Answer the following questions:			(10)
	a) b)				
Q. 7		Write short notes on t	the following:		(10)
	a) b)	Conservation of germplasm Bio-fuels			
Q. 8		Give diagrammatic or	r flow chart representation	on of the following:	(10)
	a) b)	Production of gameto Micropropagation of	clonal variants. Banana via axillary shoo	t proliferation.	

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