C.U.SHAH UNIVERSITY Summer Examination-2017

	Subject	Name: Plant Morphology & Anatom	у			
	Subject	Code: 4LS01BOT1/4SC01PMA1	Branch: B.Sc.(Microbiolo	ogy)		
	Semeste	r:1 Date: 30/03/2016	Time : 10:30 To 01:30	Marks : 70		
		Use of Programmable calculator & any	-	rohibited.		
	(3)	Instructions written on main answer boo Draw neat diagrams and figures (if nece Assume suitable data if needed.	•			
Q-1		Attempt the following questions:			(14)	
	a)	What is the role of Meristematic tissu	e in plant?		1	
	b)	Define Plant Anatomy.			1	
	c)	What do you mean by venation?			1	
	d)	Flower is modified Shoot. True or Fa	lse?		1	
	e)	What is corolla in flower?				
	f)	What is the significance of bulb formation in Plant?				
	g)	Which meristem helps in increasing girth?				
	h)					
	•	nucleus are sieve tubes. True or False			1	
	i)	What are different types of tissue syst	lems?		1	
	j) k)	What is petiole? What is perianth?			1 1	
	к) l)	What is stipule?			1	
		What is inflorescence?			1	
	n)	In which part of plant inflorescence o	ccur?		1	
Atter	,	four questions from Q-2 to Q-8			-	
Q-2	I J	Attempt all questions			(14)	
× -	a)	Based on position and origin classify	meristems.		7	
	b)	Write a note on complex tissue and cl			7	
Q-3		Attempt all questions			(14)	
	a)	What are different types of infloresce	nce? Briefly discuss.		7	
	b)	Write a note on different types of phy figure.	llotaxis with appropriate examp	ole and	7	
Q-4		Attempt all questions			(14)	
	a)	Write a note on anatomy of dicot leave			7	
	b)	Write a note on anatomy of monocot	leaves with figures.		7	



Q-5	Attempt all questions		(14)
-	a)	Write a note on anatomy of dicot root with figures.	7
	b)	Write a note on anatomy of monocot root with figures.	7
Q-6			
-		Explain each part of flower in detail along with figure.	14
Q-7		Attempt all questions	(14)
-	a)	Write a note Aestivation along with functions of Calyx and Corolla.	7
	b)	Draw floral formula & diagram of Apocynaceae and discuss briefly.	7
Q-8		Attempt all questions	(14)
-	a)	Write a note on anatomy of dicot stem with figures.	7
	b)	What is placentation? Explain	7

