This question paper contains 3 printed pages]

B-107-2019

FACULTY OF SCIENCE AND TECHNOLOGY

B.Sc. (Second Year) (Third Semester) EXAMINATION

MARCH/APRIL 2019

(CBCS/CGPA Pattern)

BOTANY

Paper VII

(Histology, Anatomy and Embryology of Angiosperms)

(MCQ & Theory)

(Saturday, 30-3-2019) Time: 2.00 p.m. to 4.00 p.m. Time—2 Hours Maximum Marks—40 N.B. : - (i)Attempt *All* questions. (ii)All questions carry equal marks. (iii) Choose the *correct* answer for MCQ. Draw well-labelled diagram wherever necessary. (iv)MCQ Multiple Choice Questions: 10 (*i*) Apical cell theory was proposed by (a) Nageli in 1958 (b) Schmidt in 1924 (c) Hanstein in 1868 None of these (d)(ii)...... provides strength to the organs and prevents the bending or pulling due to wind. (a) Parenchyma (b) Sclerenchyma (c) Collenchyma (d)None of these

P.T.O.

WT				(3)			B—107—2019	
	(<i>x</i>)		lants, where two			- 7, 4, 1x, 12, 19, 43,	\$\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	
		the development of embyro sac is called type.						
		(a)	Monosporic		(b)	Tetrasporic		
		(c)	Trisporic	, k	(d)	Bisporic		
				Theory				
2.	Describe different types of complex tissues.						10	
				Or				
	Write notes on:							
	(a)	(a) Parenchyma						
	(b) Secondary growth in sunflower stem.							
3.	Describe internal structure of maize root.							
				Or				
	Write notes on:							
	(a) Structure of pollen grain							
	(b) Pollination.							
4.	Desci	ribe po	olygonum type e	mbryo devel	opmen	nt.	10	
No of S				Or				
N. V. V.	Write notes on:							
	(a) Cellular Endosperm							
	(b)	Anat	cropous Ovule.					
V 45 C	3 30 30	000	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX					