CD001013BIOCHEMISTRY-II	F.Y.B.Sc	SEM-I	60 MARKS	2 HRS	30
All question All question	ons are compu ons carry equa gram wherever	l marks.			
Q. I) A) Answer the following in short (any two)					(4M)
 Explain autobiogenesis. Define eukaryotic cell. What are yeast cells? What are autotrophs? 					
B) Answer the following in brief (any two)				(6M)
 Explain the formation of fi Write a note on plant cell. What is Golgi apparatus? Write a note on chromatin 		karyotic cell.			
C) What is Miller's experiment inference of the experiment.	? Give the e	xperimental	setup, observat	tion, signi	ficance and (5M)
No. of the last of		OR			
C) Write a note on the nucleus of	the eukaryotic	cell.			(5M)
Q. II) A) Answer the following in	short (any tw	0)			(4M)
 Define cell. Define prokaryotic cell. What is cell membrane? Define passive transport. 					
B) Answer the following in brief	(any two)	0			(6M)
Distinguish between eukar Write short note on microt Write short note on cell me Explain transport across of	tubules. embrane.		S. Market Mark		
C) Explain the two fundamentally	different class	sses of cells			(5M)
		OR			
C) Explain fluid mosaic model wi	th suitable di	agram.			(5M)
Q. III) A) Answer the following in	n short (any to	wo)			(4M)
 Define lysosome. Explain ER. What are Mitochondria? What is plastids? 					
B) Answer the following in brief	(any two)				(6N
Give structure and function Explain the function of Mi Explain Golgi apparatus.		last.			