	• All questions are	HDC (100)
	1 - Sel Cillo Mar Come	, nks (100)
	Carry Amel	
	diagram wherever necessary	
Q.I ((A) Explain (any one)	
	. Chromatin 2. Cristae	(02)
Q. I ((B) Fill in the blanks (any three)	AND MARKET
1.	the state of the s	(03)
2.	are proteins that function to it is observed in animal	l cells.
3.	are proteins that function to induce and exit from M phase. separates the cell's genetic material from the surrounding cytoplasm in eukaryotic cells.	
	in eukaryotic cells.	plasm
4.	Arrest at check point allows repair of damage to take place befor cell enters in S phase.	e the
5.	. The enzymes of TCA cycle and catabolism of fatty acids are located in the ma	atrix of
6.	are called power house of the cell.	
Q. I ((C) Answer (any two) of the following	(10)
1.	What are nucleosomes? Explain the interal organization and functions of nucleosomes.	
2.	Draw the detailed structure of mitochondria and mention where the organel trapping system is located.	les' energy
3	Elaborate on the role of protein kinases in regulating the cell cycle.	
4.	Describe the different phases of an eukaryotic cell cycle.	
Q. II ((A) State whether the following statements are true or false (any five)	(05)
	Peptide bonds join amino acids together to form proteins.	Mile and
1.	α – helices are involved in globular protein structure formation.	men
2.	to the an axiomale of structural lipius.	
	1 1 11 +ba cacating V Sittle Of Prosent	h 200. 6
	and alocaitied on the pasis of the broad area	
5.	Isoelectric pH is the pH at which cations become anions.	
7.	Phospholipids are amphophillic in nature. Glycine is the rigid aminoacid in concern with its structure.	
8.	Glycine is the rigid aminoacid in concern between C-N.	
	LAND IS DIESCHI DOVI	
11	and one the Calalysi in oto-b	
11.	Co	ntd/2

Contd/2...