	Z. riguie	estions are compulsory. es to right indicate marks. labelled diagrams wherever necessary.	
	Answer the following (Any 1) Give an account of dyes	y Two) & staining techniques used in Electrophore	(20)
	3) Describe in detail the pre	ocess of Paper Chromatography	
	4) Explain the process of S	ample preparation for Electron Microscopy	
	answer the following (An		(20)
	I) What is Nucleic acid? A	dd a note on its types, structure & function.	
		vo cell organelles studied by you.	
		structure and functions of Glyoxisomes.	
) Describe the cell cycle b	y Howard & Pele.	
III A	Answer the following (An	ıy Two)	(20)
1)) Explain cytoplasmic inhe	eritance with respect to Mirabilis.	
2)	 What are autopolyploids improvement and evoluti 	? Give its different types and their importation.	ance in crop
3)	Write in detail about dele		
	What are different causes	s of chromosomal aberrations? Write down	n in detail about
	inversion.		
v w	rite short notes on (Any	Three)	(15)
1)	Mitochondrial membrane	es	
2)	Stains for Electrophoresis	3	
3)	Aneuploidy		
4)	Importance of Derivatisin	g agents for TLC	
5)	Down syndrome		
	Prophase I	The End	

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