

Short note: history of biotechnology

Write a note on ethical issues in biotechnology

	(D)	Ans	swer the following: (Any One)	5	
		(1)	Explain medical application of biotechnology		
		(2)	Explain environmental application of biotechnology		
2	(A)	Answer the following:			
		(1)	Chloroplast is only found in plant cell. True or False		
		(2)	Give full form: SEM		
		(3)	HIV is an example of eukaryotic cell. True of False		
		(4)	Define: Cell		
	(B)	(B) Answer the following : (Any One)			
		(1)	Write about numerical aperture		
		(2)	Describe briefly about size of different types of cell		
	(C)	Ans	swer the following: (Any One)	3	
		(1)	Short note: light microscopy		
		(2)	Short note: shape of different cells		
	(D)	Answer the following: (Any One)			
		(1)	Explain in detail about origin and evolution of life		
		(2)	Explain: Structure and function of Plant cell		
3	(A)	(A) Answer the following:			
		(1)	Cell wall is mainly made of in plant cell.		
		(2)	Write the function of mitochondria		
		(3)	Enlist types of ER		
		(4)	Peroxisome is rich with peroxidase enzyme. True or False		
	(B)	Ans	swer the following: (Any One)	2	
		(1)	Write a note on golgibody		
		(2)	Write about lysosome and its function		
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	(C)	Ans	wer the following : (Any One)	3
		(1)	Explain briefly about ribosomes	
		(2)	Short note: function of plasma membrane	
	(D)	Answer the following : (Any One)		
		(1)	Explain: Chloroplast	
		(2)	Explain : Mitochondria	
4	(A)	Ans	wer the following:	4
		(1)	DNA is ONLY present in nucleus in anima True or False	l cell.
		(2)	What is Cell division?	
		(3)	There are total chromosome prese a cell of human	ent in
		(4)	Sperm cell and ova cell is dividing by (Mitosis / Meiosis)	
	(B)	Ans	wer the following: (Any One)	2
		(1)	What is cell cycle?	
		(2)	Write importance of mitosis and meiosis	
	(C)	Ans	wer the following: (Any One)	3
		(1)	Write a note on function of nucleus	
		(2)	Figure out mitosis phases	
	(D)	Ans	wer the following: (Any One)	5
		(1)	Explain in detail about meiosis	
		(2)	Short note: regulation of cell cycle	
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5	(A)	Answer the following:	
		(1) Enlist types of stem cells	
		(2) Enlist types of cancer	
		(3) What is cytoskeleton?	
		(4) Cancer can cause by virus. True or False	
	(B)	Answer the following: (Any One)	2
		(1) What is tumor?	
		(2) Define: cytoplasmic streaming	
	(C)	Answer the following : (Any One)	3
		(1) Write a note on amoeboid and cilial locomotion	
		(2) Short note: structure and function of flagella	
	(D)	Answer the following: (Any One)	
		(1) Explain in detail about microtubules	
		(2) Short note: cell-cell interaction	