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SECTION - B (35 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 × 7 = 35)

Module No.	Q No.	Question	K Level	CO
1	11.a.	Write short note on balanced salt solution.	K2	CO1
	(OR)			
	11.b.	Discuss the methods for sterilization and decontamination.		
2	12.a.	Discuss the behaviors of Transformed cells.	K3	CO2
	(OR)			
	12.b.	Explain DNA profiling.		
3	13.a.	Write about Embryo Transfer method.	K3	CO3
	(OR)			
	13.b.	Write about the Animals models used for human genetic diseases.		
4	14.a.	What are stem cells? Write Sources of Stem Cells.	K3	CO4
	(OR)			
	14.b.	Describe the role of feeder layer in stem cell culture.		
5	15.a.	Write about Bone Remodeling.	K4	CO5
	(OR)			
	15.b.	Discuss about disposable bioreactor.		

SECTION - C (30 Marks)

Answer ANY THREE questions

ALL questions carry EQUAL Marks

(3 × 10 = 30)

Module No.	Q. No.	Question	K Level	CO
1	16	What is cell culture? Explain the types of cell culture.	K4	CO1
2	17	Describe the characterization of cultured cells by chromosomal analysis.	K4	CO2
3	18	Describe Production of pharmaceutical proteins by transgenic animals.	K5	CO3
4	19	Give detail notes on epigenetics modification.	K5	CO4
5	20	Explain about mode of Bone marrow transplantation.	K6	CO5

Z-Z-Z

END