

SECTION - B (35 Marks)

Answer ALL questions

ALL questions carry EQUAL Marks

(5 × 7 = 35)

Module No.	Question No.	Question	K Level	CO
1	11.a.	Illustrate the structural characteristics and outline the classification of Cyanobacteria.	K3	CO1
		(OR)		
	11.b.	Apply the principle and procedure of microbial staining method for the bacterial identification.		
2	12.a.	Examine the growth pattern of bacteria.	K4	CO2
		(OR)		
	12.b.	Analyze the steps involved in bacterial endospore formation.		
3	13.a.	Sketch out the structural differences between Satellite viruses and Satellite RNA	K3	CO3
		(OR)		
	13.b.	Illustrate the plant virus-vector relationships.		
4	14.a.	Relate the Koch postulates with plant pathogenesis and explain its importance in research.	K6	CO4
		(OR)		
	14.b.	Organize the enzymes and toxins contribute in pathogenesis.		
5	15.a.	Summarize the symptoms and disease cycle of stem rust of wheat.	K5	CO5
		(OR)		
	15.b.	Explain the molecular approach to control plant diseases.		

SECTION - C (30 Marks)

Answer ANY THREE questions

ALL questions carry EQUAL Marks

(3 × 10 = 30)

Module No.	Question No.	Question	K Level	CO
1	16	Infer the medium preparation and plating techniques used for microbial culture in laboratory.	K2	CO1
2	17	Examine the mode of reproduction in bacteria.	K4	CO2
3	18	Interrupt the methods to study the plant viruses.	K4	CO3
4	19	Determine the complete process of disease development in plants.	K5	CO4
5	20	Explain in detail about the classification of plant diseases based on causal agents and symptoms.	K5	CO5

Z-Z-Z

END