

QP Code: D136556	Total Pages: 1	Name:
		Register No.
FIRST SEMESTER B.VOC (CUFYVP) REGULAR EXAMINATION NOVEMBER 2025		
DAIRY SCIENCE AND TECHNOLOGY		
DST1CJ103 - FUNDAMENTALS OF MICROBIOLOGY		
2025 Admission		
Maximum Time : 2 Hours		Maximum Marks : 60
Section A		
All Questions can be answered. Each Question carries 3 marks (Ceiling : 20 Marks)		
1	Define microbiology.	
2	State the contribution of Leeuwenhoek.	
3	Define dairy microbiology.	
4	Define germ theory.	
5	Define microscope.	
6	What is resolution?	
7	Define staining.	
8	Define Simple staining.	
9	What is meant by a prokaryotic cell?	
10	What are spores?	
11	Briefly describe microbial growth curve.	
12	Name any two dairy pathogens.	
Section B		
All Questions can be answered. Each Question carries 6 marks (Ceiling : 30 Marks)		
13	Explain contributions of Pasteur in microbiology.	
14	Explain working of light microscope.	
15	Explain the structure of prokaryotic cell.	
16	Explain bacterial growth curve.	
17	Factors affecting microbial growth.	
18	Role of lactic acid bacteria in dairy.	
Section C		
Answer any ONE. Each Question carries 10 marks (1x10=10 Marks)		
19	Explain the history and development of dairy microbiology with contributions of Antonie van Leeuwenhoek, Louis Pasteur and Robert Koch.	
20	Describe microbial spoilage and preservation of milk.	