

Faculty of Science
B.Sc (Microbiology) II-Year, CBCS –III Semester
Backlog Examinations –June, 2023
PAPER: Food and Environmental Microbiology

Time: 3 Hours

Max Marks: 80

Section-A

- I. Answer any *eight* of the following questions (8x4=32 Marks)
1. Pickles
 2. Importance of Milk microorganisms
 3. Prebiotics
 4. Salmonellosis
 5. Quality Control of foods
 6. Food Pathogens Detection
 7. Importance of Air Microorganisms
 8. Presumptive Test
 9. Anaerobic Sewage Treatment
 10. Soil Profile
 11. Mycorrhizae
 12. Carbon Cycle

Section-B

- II. Answer the following questions (4x12=48 Marks)
- 13.(a) Explain in detail about the Processing of fermented foods and their significance.
(OR)
(b) Write in detail about the Microbial product of milk- Cheese, its production and Types.
- 14.(a) Write in detail about different types of Food Preservation methods.
(OR)
(b) Describe in detail about Screening and Enumeration methods of Microorganisms in food Spoilage.
- 15.(a) Write in detail about the pathogenic organisms in water and their transmissible diseases.
(OR)
(b) Write the differences between Aerobic and Anaerobic Sewage Treatment methods.
- 16.(a) Explain in detail about the different types of plant interactions with microbes.
(OR)
(b) Explain different methods of microbial Degradation of Organic pollutants.
