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MBH 452

II Semester M.Sc. Degree Examination, September/October 2022

(CBCS-PG-CGPA)

MICROBIOLOGY

Food Microbiology

Time : 3 Hours

Max. Marks : 70

I. Write short notes on **any five** of the following :

(5×3=15)

- 1) Lactosis
- 2) Tofu
- 3) Canning
- 4) BIS
- 5) Sausage
- 6) Yeasts in Food
- 7) Waste water disposal.

II. Write a note on **any five** of the following :

(5×5=25)

- 8) Food-borne intoxication with two examples.
- 9) Carbon sources for microbial growth.
- 10) Pasteurization and its types.
- 11) Microbiological safety of food.
- 12) Proteolysis in milk.
- 13) Probiotics and their importance.
- 14) Food Processing and environment.

III. Answer **any three** of the following :

(3×10=30)

- 15) Describe the principles and types of food packaging materials.
 - 16) Write a detailed note on the principles of FSSAI.
 - 17) Give an account on extrinsic and intrinsic factors for microbial growth.
 - 18) What is food preservation ? Give an account on the types of food preservation.
 - 19) Explain different types of spoilages in fruits and vegetables.
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