

**PG CBCS**  
**M.Sc. Semester-II Examination, 2021**  
**FOOD SCIENCE & NUTRITION**  
PAPER: FSN 295  
(FOOD MICROBIOLOGY LAB)

**Full Marks: 25****Time: 2 Hours****1. Answer any two questions:****2X10=20**

- a. Write down the principle and procedure for enumeration of bacteria from water. 10
- b. State the principle and procedure for bacteriological testing of milk. 10
- c. Write down the principle and procedure for identification of *Lactobacillus* sp. in curd. 10
- d. State the principle and procedure of Simple Staining. 10
- e. Write down the principle and procedure of Gram Staining. 10

**2. Answer any one question**

- a. Write down five identifying characters of *Penicillium* sp. 5
- b. Write down five identifying characters of *Chlorella* sp. 5

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