

KANYASHREE UNIVERSITY

M.Sc. 2nd Semester Examination-2023

Subject: Food & Nutrition

Course-CC 10

Food Microbiology and Food Preservation

Full Marks-20

Time-1.00 Hours

Group A

A. Answer the following question:

(10×1=10)

1. Prepare PDA medium and make agar slant tubes for culturing the fungal strain *Aspergillus flavus*.

(10)

Group B

[Answer **any two** of the following]

(5×2=10)

1. What will be your microscopic observation of a gram positive and a gram negative bacterium after a Gram staining method and why?
2. Why do you perform Phosphatase test for milk? Write down the procedure.
3. What are the methods of determining the shelf life of packaged food stuffs?
4. Write down the principle of different inactivation methods that are used in food preservation procedures.
