

# KANYASHREE UNIVERSITY

M.Sc. 2<sup>nd</sup> Semester Examination-2024

Subject: Food & Nutrition

Course-CC 10

Food Microbiology and Food Preservation (Practical)

Full Marks-20

Time-1.00 Hour

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## GROUP – A

**A. Answer the following question:**

- 1) Perform Methylene Blue Dye Reduction test of the given milk samples and state your observations. [10]

## GROUP – B

**B. [Answer any two from question number 1 to 4]:**

- 1) What are the different types of packaging materials? [5]
- 2) How can you convert a liquid media into a solid media? What is PDA media? [2.5+2.5]
- 3) How can you detect adulteration of the following food items- a) Water in milk. b) Chalk powder in sugar. [2.5+2.5]
- 4) Write the principle of Acid-fast staining. What will you observe in the microscopic field of view? [2.5+2.5]

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