

B.Sc., CARDIAC TECHNOLOGY

FIRST YEAR

SUBJECT CODE & NAME – 1509 – MICROBIOLOGY

PUZZLES - TOPIC – STERILIZATION – FILTRATION

1. Logic Grid Puzzle – Filter Matching (10 Marks)

Objective

Match filters to applications using logic.

Task

Use the grid to match:

Filters: HEPA, 0.22 μm , 0.45 μm , Seitz

Uses: Liquid pre-filter, Wine sterilization, Air, Liquid sterilization

Material: Cellulose, Asbestos, Borosilicate, Nitrocellulose

S.No	Filter	Pore/Use	Material
1.			
2.			
3.			
4.			

Rubric (10 Marks)

Correct Match	Marks
HEPA row	2.5
0.22 μm row	2.5
0.45 μm row	2.5
Seitz row	2.5
Total	10