

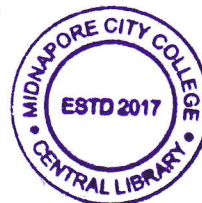
The West Bengal University of Health Sciences
M.Sc. MLT in Microbiology 2nd Year December, 2023 - January,
2024 Examination

Subject: Bacteriology & Mycology

Time: 3 hrs.

Full Marks: 80

Attempt all questions



1. Write short notes on the following questions :

8 x 5

- a) Urine culture.
- b) Negative Staining technique.
- c) Bile solubility test.
- d) Cold sterilization.
- e) Pasteurization.
- f) Robert Koch.
- g) Aspergillosis.
- h) SDA.

2. Answer the following questions :

- a) Write down about the quality control technique applied in microbiology. What do you mean by EQA and IQA? 7+3
- b) State in brief the effects of temperature and oxygen over microbial growth. Write down about the bacterial growth curve in brief. 5+5
- c) Write down about the collection technique of fungal specimen from nail and skin. What is pure culture? State the composition of blood agar. 2½+2½+3+2
- d) Write down the symptoms and lab diagnosis of infection caused by *Candida albicans*. 5+5