

Roll No. 

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Total No. of Pages : 01

Total No. of Questions : 08

**B.Sc. (MLS) (Sem.-3)**  
**APPLIED BACTERIOLOGY**  
Subject Code : BMLS-307-18  
M.Code : 76636  
Date of Examination : 19-07-21

Time : 2 Hrs.

Max. Marks : 60

**INSTRUCTIONS TO CANDIDATES :**

1. Attempt any FIVE question(s), each question carries 12 marks.

1. Write a note on continuous culture.
2. Differentiate screening and diagnostic tests.
3. Explain the biochemical methods to measure the b - lactamase production.
4. Write a note on culture media.
5. Describe the purpose and technique of tube dilution method.
6. What is the need of quality control in diagnostic microbiology?
7. What is lyophilisation? Briefly explain the different methods to preserve microbes.
8. Describe the method of bacteriocin typing by the cross-streaking.

**Note: Any student found attempting answer sheet from any other person(s), using incriminating material or involved in any wrong activity reported by evaluator shall be treated under UMC provisions.**

**Student found sharing the question paper(s)/answer sheet on digital media or with any other person or any organization/institution shall also be treated under UMC.**

**Any student found making any change/addition/modification in contents of scanned copy of answer sheet and original answer sheet, shall be covered under UMC provisions.**