Roll No……..….. **Total No. of Printed Pages: 1**
Total No. of Questions: [09]

B.Sc. (MLS) (Semester – 3rd)
APPLIED BACTERIOLOGY
Subject Code: BMLS1-316
Paper ID: 130511

Time: 03 Hours **Maximum Marks: 60**

Instruction for candidates:

1. Section A is compulsory. It consists of 10 parts of two marks each.
2. Section B consist of 5 questions of 5 marks each. The student has to attempt any 4 questions out of it.
3. Section C consist of 3 questions of 10 marks each. The student has to attempt any 2 questions.

Section – A **(2 marks each)**

Q1. Attempt the following:

a) Nosocomial infections
b) Lawn culture
c) MIC
d) MHA
e) Septicemia
f) ATCC
g) Serotyping
h) Eijkman test
i) Settle plate method
j) Most Probable Number

Section – B **(5 marks each)**

Q2. Bacterial examination of air
Q3. Membrane filtration method
Q4. Stroke's disc diffusion method
Q5. Bacteriological examination of milk and its products
Q6. Preparation and standardization of inoculum

Section – C **(10 marks each)**

Q7. Classification of food borne bacterial pathogens and their pathogenices.
Q8. Discuss sample collection, transport and processing of urine sample.
Q9. Discuss the role of microbiology in control of nosocomial infections.