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B.Sc.(MLS) (2014 to 2017) (Sem.-1)

Subject Code : BMLS-102

M.Code : 48047

Max. Marks : 60

1. **SECTION-A is COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **FIVE** questions carrying **FIVE** marks each and students have to attempt any **FOUR** questions.
3. **SECTION-C** contains **THREE** questions carrying **TEN** marks each and students have to attempt any **TWO** questions.

SECTION-A

1. Write a short note on :

- A) Resolution.
- B) Gram's staining.
- C) Transport media.
- D) Hanging drop technique.
- E) Anaerobic Jar.
- F) Agglutination.
- G) ELISA.
- H) Centrifuge.
- I) Growth Curve
- J) Blood agar.

SECTION-B

2. Write the parts and uses of compound microscope.
3. Describe the various methods of sterilization by dry heat method.
4. Explain the structure of Immunoglobulins.
5. Write notes on Bacterial growth curve.
6. Write notes on Nutritional requirements microorganisms.

SECTION-C

7. Give description about glassware, its uses, handling and care.
8. What is disinfectant? What precautions should be taken while using the disinfectant?
9. Discuss the mandatory policies for the segregation and disposal of laboratory waste.

NOTE : Disclosure of identity by writing mobile number or making passing request on any page of Answer sheet will lead to UMC against the Student.