

Total No. of Questions: 09

B.Sc.(MLS) (2018 & Onwards) (Sem.-1) **BASIC OF BIOCHEMISTRY** 

> Subject Code: BMLS-103-18 M.Code: 75260

Time: 3 Hrs. Max. Marks: 60

## **INSTRUCTIONS TO CANDIDATES:**

- 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.
- SECTION-C contains THREE questions carrying TEN marks each and students have to attempt any TWO questions.

## **SECTION-A**

#### 1) **Answer briefly:**

- a) Discuss the purpose of cleaning of glass wares.
- b) Write any two ethics of lab technician.
  c) Explain the function of:
  i) Flasks
  ii) Beakers
  iii) Cylinders
- - iii) Cylinders
- d) Define what pipettes are.
- e) What is diffusion?
- f) Define Biochemistry.
- g) What is end point?
- h) Define unit and measurements.
- i) What is true solution?
- j) What is importance of the pH indicators?



# **SECTION-B**

- 2) What is pH and discuss its importance in biochemistry laboratory.
- 3) Explain various types of water distillation plants.
- 4) Write about different types of glass wares.
- 5) Discuss various safety measures to be adopted in a clinical laboratory.
- 6) Explain the preparation of glassware cleaning solution.

# **SECTION-C**

- 7) Discuss principle, working and maintenance of analytical balance.
- 8) What are standard solutions? Discuss their importance.
- 9) Give the procedure for the preparation of a molar solution and a normal solution.

NOTE: Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.

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