

**BACHELOR OF MEDICAL LABORATORY TECHNOLOGY
SIXTH SEMESTER
LABORATORY ORGANIZATION
BMLT – 602
[USE OMR SHEET FOR OBJECTIVE PART]**

Duration: 3 hrs.

Full Marks: 70

(Objective)

Time: 30 min.

Marks: 20

Choose the correct answer from the following:

1×20=20

- The word present in abbreviation NABL is :
 - Board
 - Testing
 - Calibration
 - All of the above
- Objectives in a laboratory process is in:
 - Planing
 - Staffing
 - Organizing
 - Budgeting
- Finance in a laboratory is:
 - Budget
 - Accounts
 - Both of the above
 - None of the above
- Sample Lot means:
 - Sample size
 - Sample batch
 - Both of the above
 - None of the above
- Air circulation and light is for a laboratory is:
 - Important
 - Sufficient
 - Both of the above
 - None of the above
- A microbiology laboratory should have :
 - Wash basin
 - Biosafety cabinet
 - Both of the above
 - None of the above
- The human factors role in laboratory management is:
 - Controlling
 - Directing
 - Delegating
 - Planing
- Recruit a Laboratory technologist is:
 - Directing
 - Delegating
 - Controlling
 - Staffing
- Factors involve in Leadership is:
 - Situation
 - Followers
 - Leader
 - All of the above

(Descriptive)

Time : 2 hrs. 30 min.

Marks : 50

[Answer question no.1 & any four (4) from the rest]

1. a. From the following particulars, prepare a Profit and Loss Account for the year ending 2023 of Sun Laboratory, Guwahati. 10

Particulars	Amount (₹)
Gross Profit	1,05,250
Trade Expenses	1,000
Carriage on Sales	5,000
Salaries	7,600
Audit Fee	800
Sundry Expenses	180
Commission Received	420
Discount Received	300

b. Give principle of Account and Finance Management.

2. a. Define Journal and Ledger in finance with format. 10
b. Write Principles of Accountancy in relation to Debit and Credit Management in terms of laboratory organisation.
3. a. Define Quality Control and Quality Assurance. 10
b. Write an essay on Quality undertaken in a good laboratory.
4. a. Write the difference between management and administration. 10
b. Write an essay on Good Management in a laboratory.
5. a. Write an essay on Biosafety cabinet. 10
b. Write about factors necessary for Biosafety cabinet.

6. a. Write about Principle of Management- Planing, Directing, coordinating , Budgeting etc. 10
b. Write about resource for good planning in a laboratory.
7. a. Write about the resource for establishment of a Laboratory(micro, patho.) 10
b. Write about different instrument required in a medical laboratory.
8. a. Define Laboratory Safety. Write the factors for laboratory safety. 10
b. Name some hazardous chemicals etc., factors should look for safety in a laboratory.

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