2025/05

SET A

BACHELOR OF MEDICAL LABORATORY TECHNOLOGY
LABORATORY MANAGEMENT
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***

1. The word present in abbrebriation NABL is :
   a. Board b. Testing
   c. Calibration d. All of the above
2. Objectives in a laboratory process is in:
   a. Planing b. Staffing
   c. Organizing d. Budgeting
3. Finance in a laboratory is:
   a. Budget b. Accounts
   c. Both of the above d. None of the above
4. Sample Lot means:
   a. Sample size b. Sample batch
   c. Both of the above d. None of the above
5. Air circulation and light is for a laboratory is:
   a. Important b. Sufficient
   c. Both of the above d. None of the above
6. A microbiology laboratory should have :
   a. Wash basin b. Biosafety cabinet
   c. Both of the above d. None of the above
7. The human factors role in laboratory management is:
   a. Controling b. Directing
   c. Delegating d. Planing
8. Recruit a Laboratory technologist is:
   a. Directing b. Delegating
   c. Controling d. Staffing
9. Factors involve in Leadership is:
   a. Situation b. Followers
   c. Leader d. All of the above

10. Organize the work force in a laboratory is:
    a. Organizing
    b. Staffing
    c. Planing
    d. None of the above

11. Loan of five lakhs from bank for laboratory establishment is:
    a. Debit
    b. Credit
    c. Assets
    d. Liabilities

12. A XYZ Microbiological laboratory pays a supplier ten thousand rupees in cash:
    a. Cash account
    b. Real Account
    c. Both of the above
    d. None of the above

13. The First Book of Entry is:
    a. Ledger
    b. Journal
    c. Both of the above
    d. None of the above

14. Computer aided software for accounts is:
    a. Fally
    b. Golly
    c. Powerpoint
    d. Tally

15. Assets and Liabilities is part of:
    a. Trial balance
    b. Profit and Loss A/C
    c. Balance Sheet
    d. None of the above

16. A pathology laboratory has:
    a. Microtome
    b. Centrifuge
    c. Both of the above
    d. None of the above

17. Laboratory management stands for..
    a. Laboratory Quality
    b. Laboratory Assurance
    c. Laboratory Organization
    d. All of the above

18. ISO is
    a. Indian Standard Organisation
    b. Indian Standard Organ
    c. Italian Standard Organisation
    d. None of the above

19. BIS is:
    a. Indian standard
    b. American standard
    c. African standard
    d. None of the above

20. Safety is:
    a. Prevention
    b. Precaution
    c. Both of the above
    d. None 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 2024 of Sun Laboratory, Guwahati. **10**

Particulars	Amount (Rs.)
Opening Stock (as on 1st April,2023)	7000
Purchase	5000
Sales	15000
Salary	15000
Interest on loan	2000
Advertising	1000
Commission	1000
Interest received	5000
Close stock (as on 31st March,2024)	15000

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 motivation and perception of laboratory worker for good laboratory practice. 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.

= = *** = =