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2112H018

BACHELOR OF VOCATION
Medical Laboratory Technology
Subject: Laboratory Management & Biomedical Waste Management
Subject Code: MLT609
Semester: Third
December 2021
Theory (External): 35 Marks
Time: 03 Hours

Instructions to the Students

1. This Question paper consists of two Sections. All sections are compulsory.
2. Section A comprises 10 questions of short answers type in nature. Attempt any 10 questions. Each question carries 1 marks.
3. Section B comprises 8 essay type questions. Attempt any 5 questions. Each question carries 5 marks.
4. Read the questions carefully and write the answers in the answer sheets provided.
5. Do not write anything in the question paper.
6. Wherever necessary, the diagram drawn should be neat and properly labelled

Roll Number									

SECTION –A (SHORT/OBJECTIVE TYPE QUESTIONS)
(10 x 1 = 10 Marks)

- A. What do you understand by patient management?
- B. What is the importance of record keeping in patient management?
- C. Why is the sample analysis mandatory in good patient management?
- D. Explain what is reference range?
- E. What is Bio-medical waste? Explain briefly.
- F. What is waste segregation and why do you think it is important?
- G. What do you understand by the term Quality Management?
- H. Why is validation of clinical laboratory instruments so vital in patient care?
- I. Briefly explain the importance of laboratory management?
- J. Highlight the environmental concerns in laboratory management?

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SECTION –B (ESSAY TYPE QUESTIONS)
(5 x 5 = 25 Marks)

1. Explain the process and importance of transportation and preservation of various biological samples.
2. Explain the process of procurement of equipment and inventory control with its importance in patient management.
3. Highlight the factors that affect sample analysis. Why do you think it is important to keep a tab on abnormal results and alternation in reports?
4. What is the basic format of a test report? Explain pre-analytical and post-analytical variables.
5. What is the purpose of Quality Management? Explain the mandatory quality procedures.
6. Highlight the objectives of BMW management. Explain the criteria for selecting appropriate medical waste technologies.
7. What do you understand by internal and external quality control? Explain what is calibration and its importance?
8. What is horizontal, vertical and test audit? Illustrate the role and importance of NABL.

==END OF PAPER==