

B. Voc. (Medical Lab Technology)
Third Semester
BMLT-302: Safe Laboratory Practices

Time allowed: 3 Hours

Max. Marks: 80

NOTE: Attempt five questions in all, including Question No. 1 which is compulsory and selecting one question from each Unit.

x-x-x

I. Give the answer of following questions in very brief:-

- a) What is homeostasis?
- b) Give names of two names of laboratory accidents.
- c) Give names of two color-coding.
- d) Where we must store the biomedical wastes?
- e) What do you mean by NABL?
- f) Give the full name of WHO.
- g) Write the two categories of biomedical wastes.
- h) What is OSHA?

(8x2)

UNIT - I

II. a) What are the basic medical care in India?

(b) What are the common types of accidents occurred in laboratory? (8,8)

III. (a) Write about the main precautions must take during transport of samples.

(b) Describe the various types of first-aid methods in labs. (8,8)

UNIT - II

IV. (a) What are the Importance of biomedical wastes in laboratory.

(b) Describe the various methods of color-coding system used in laboratory. (8,8)

V. (a) Briefly describe the two methods used to disposal of laboratory wastes?

(b) Describe the major categories of biomedical wastes. (8,8)

P.T.O.

UNIT - III

- VI. (a) What is principle of national waste management?
(b) Mentioned the various risks associated with disposal of laboratory waste material. (8,8)
- VII. (a) What is the biological waste segregation?
(b) What are the safe methods used in management of waste materials. (8,8)

UNIT -IV

- VIII. (a) What are current Good Clinical Laboratory Practices prescribed by WHO?
(b) What are significances of sensitization related to best practices in laboratory? (8,8)
- IX. (a) What are the safety guidelines of OHSA of US government?
(b) Write in brief about the elementary knowledge of practices used in lab safety world over. (8,8)

x-x-x