

2072

B. Voc. (Medical Lab Technology)

Second Semester

BMLT-202: Introduction to Medical Technology, Healthcare Systems

Time allowed: 3 Hours

Max. Marks: 80

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

x-x-x

I. Explain the following:-

- a) What are the main objectives of a health care delivery system?
- b) Why do we need quality assurance?
- c) Why is ethics so important in healthcare?
- d) How to make patient feel safe while collection?
- e) What is quality assurance program?
- f) Define analyte.
- g) Why laboratory is important in health care system?
- h) What are the common hazards at work environment? (8x2)

UNIT - I

- II. a) Explain the various functions of diagnostic centres.
- b) Describe the different types of health care service providers. (2x8)
- III. a) Discuss Laboratories at National, State & District Level.
- b) Discuss the role of Medical Laboratory Technicians. (2x8)

UNIT - II

- IV. a) Explain the role of medical lab technician in maintaining patient's right.
- b) Discuss the monitoring of quality assurance program. (2x8)
- V. a) Explain the patient's comfort and safety in laboratory.
- b) Explain in detail about the ethical behaviour in medical laboratory. (2x8)

UNIT - III

- VI. Explain the organisational structure and various processes related to reporting and monitoring in laboratory. (16)

(2)

- VII. Discuss in detail the procedure for accessing training, learning and development needs in Patient's environment. (16)

UNIT - IV

- VIII. a) Explain the importance & methodology of cleanliness and hygiene in collection space. (2x8)
b) What are PPE? Describe the various techniques of use of PPE.
- IX. a) Discuss the role of vaccination in prevention of disease. (2x8)
b) Explain the concept of healthy hygiene.

x-x-x