

2053

B. Voc. (Medical Lab Technology)

Second Semester

GEN-202: Introduction to Medical Technology, Healthcare Systems

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. Explain the following:-

- a) What are the main objectives of a health care delivery system?
- b) Name few techniques of grooming.
- c) Why is ethics so important in healthcare?
- d) How to make patient feel safe while collection?
- e) What is quality assurance program?
- f) Why is biosafety level important?
- g) Why laboratory is important in health care system?
- h) Write functions of hospital.

(8x2)

**UNIT - I**

II. a) Explain the various functions of diagnostic centres.

b) Discuss different types of health care service providers.

(2x8)

III. a) What maintenance needs to be taken care by medical laboratory technician?

b) Discuss laboratory at state and national level.

(2x8)

**UNIT - II**

IV. a) Write a short note on medical lab technician role 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)

P.T.O.

(2)

- VII. Explain the importance of health safety in laboratory and how do you maintain a safe and secure working environment. (16)

**UNIT- IV**

- VIII. a) Explain the importance of cleanliness and hygiene in collection space.  
b) Give a detailed description about personal protective equipment. (2x8)
- IX. a) Discuss the role of vaccination in prevention of disease.  
b) Explain importance and procedures of healthy hygiene. (2x8)

x-x-x