

2054

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. Answer the following:-

- a) What are major functions of a hospital?
- b) Enlist role of medical laboratory technician.
- c) What is the importance of quality assurance in laboratories?
- d) How patient's safety be ensured?
- e) Enlist common hazards in patient's environment.
- f) What are safety records and their significance?
- g) What are PPE and their uses?
- h) Why healthy living is important?

(8x2)

UNIT - I

- II. a) What are the important features of Diagnostic Centres and medical laboratory facilities?
b) What are healthcare service providers? Discuss various levels of it. (2x8)
- III. a) How Laboratory Test results can be understood?
b) Highlight features of national, state and district level laboratories. (2x8)

UNIT - II

- IV. a) What are Patient's Rights and its sensitivities?
b) How organisation's policies are important in quality assurance ? (2x8)
- V. a) What is the role of ethical behaviour in healthcare system?
b) How medical laboratory technician can work towards maintaining patient's rights?

(2x8)

P.T.O.

(2)

UNIT - III

- VI. a) How healthy and secure working environment can be ensured around the patient?
b) Discuss organisational structure related to reporting and monitoring. (2x8)
- VII. a) What are the important steps involved in ensuring patient's safety and comfort while sample collection?
b) How training, learning and development needs can be accessed? (2x8)

UNIT - IV

- VIII. a) What is Grooming and its importance? Discuss techniques of grooming.
b) How hygiene can be ensured in collection space? (2x8)
- IX. a) Which vaccines can be administered against common infectious diseases?
b) What is the procedure of healthy hygiene? (2x8)

x-x-x