



DG-3195

**Third Year B. Sc. (Sem. V)
(Medical Technology) Examination**

March / April - 2016

MT-16 - Laboratory Management

Time : Hours]

[Total Marks : 50

Instruction :

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|--|---|
| नीचे दशांशके निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी. Fillup strictly the details of signs on your answer book. | Seat No. : |
| Name of the Examination : | <input type="text"/> |
| Third Year B. Sc. (Sem. V) (Medical Technology) | <input type="text"/> |
| Name of the Subject : | <input type="text"/> |
| MT-16 - Laboratory Management | <input type="text"/> |
| Subject Code No. : <input type="text"/> 3 <input type="text"/> 1 <input type="text"/> 9 <input type="text"/> 5 | Section No. (1, 2,.....) : <input type="text"/> Nil |
| Student's Signature | |

- 1 Answer the following briefly : 10
- Define Standard deviation and Precision.
 - What are analytical variables ?
 - Differentiate standard and control.
 - What are the consumable laboratory items ?
 - Define management in the clinical laboratory.
- 2 Answer any two of the following : 12
- Discuss in detail the collection, transport and storage of various specimens in clinical laboratory.
 - What is the importance of quality control in clinical laboratory ? Elaborate in detail external quality control.
 - Explain in detail the importance of effective communication in clinical laboratory.

- 3** Explain the ordering storage and maintenance of laboratory chemicals and equipments in clinical laboratory. **14**

OR

- 3** Write an essay on safe clinical laboratory design. **14**
- 4** Write short notes on any two of the following : **14**
- (a) Biosafety levels
 - (b) Quality assurance
 - (c) Laboratory goals.
