

**B.Sc. MEDICAL LABORATORY TECHNOLOGY
FIRST YEAR**

PAPER III – GENERAL METHODOLOGY

Q.P. Code: 725003

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Elaborate on:

(3 x 10 = 30)

1. Describe in detail the various methods of collection, transport, packing and storing of specimens in a clinical laboratory.
2. Write about Laboratory accidents, prevention, first aid.
3. Describe the structure of bacteria. Add a note on the nutritional requirement.

II. Write notes on:

(8 x 5 = 40)

1. Confidentiality of reports.
2. Hot Air Oven.
3. Venipuncture and Collection of Blood samples.
4. Quality assurance in laboratory.
5. Composition of Blood.
6. Disposal of laboratory waste.
7. Role of Laboratory in Patient care.
8. Enrichment media.

III. Short answers on:

(10 x 3 = 30)

1. Errors in Post analytical stages of processing of specimens.
2. Difference between Document and Record in laboratory.
3. Three examples of Enriched media.
4. Importance of labeling and identification of Specimens.
5. Differentiate between pili and fimbriae.
6. Blood Agar.
7. Colorimeter.
8. EDTA.
9. Fumigation.
10. Universal precaution.
