

Roll No.....

SEC B (04 marks for each part)

(Word limit 100 words for each part)

MMLT- 104

**M.Sc. in Medical Laboratory Technology (First Semester)
Main Examination-2022**

**Model Paper
Research Methodology**

Time : Three Hours

Maximum Marks : 75

Note : Section A: All question are compulsory.

Section B: Attempt any two questions out of three, and

Section C: Attempt any two questions out of four

**SEC A (03 marks for each)
(Word limit 50 words)**

1.

- a) Define Research
- b) Types of population
- c) Types of reliability
- d) Pilot study
- e) Define sample
- f) Explain Beneficence
- g) Define qualitative research
- h) Interval scales
- i) Any 5-internet sites for article search

**SEC C (06 mark for each part)
(Word limit 250 to 500 words for each question)**

2.

- a) Describe validity
- b) Classify validity
- c) Describe intra rater reliability with examples

3.

- a) Define the research design
- b) Importance of research in Medical laboratory
- c) Explain the research process in detail

4.

- a) Scales of measurement
- b) Types of variables
- c) Explain in details about advantages and disadvantages of convenience sampling

5.

- a) Explain FINERMAPS
- b) Quasi-Experimental research

6.

- a) Types of research
- b) Any two ethical issues in research

7.

- a) Types of probability sampling techniques
- b) Advantages & disadvantages of snowball sampling

8.

- a) Explain the informed consent
- b) Explain elements of informed consent form