Roll No..

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 Beneficience
   g) Define qualitative research
   h) Interval scales
   i) Any 5-internet sites for article search

SEC B   (04 marks for each part)
(Word limit 100 words for each part)

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 conveninece sampling

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

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