

Roll No.....

MPT- 103

**Master of Physiotherapy (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) Importance of review
 - b) Ethical principles
 - c) Informed consent
 - d) Steps in research proess
 - e) Explain beneficience
 - f) Five 's' model
 - g) What is accessible and target population
 - h) Data collection method
 - i) Types of varaibles

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

2.
 - a) Define population
 - b) Types of probability sampling techniques
 - c) Explain in details about advantages and disadvantages of snowball sampling techniques
3.
 - a) Define infpormed consent
 - b) Types of research design
 - c) Explain the research question
4.
 - a) Define relaibility
 - b) Types of relaibility
 - c) Describe content validity with examples

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

5.
 - a) Define Research problem
 - b) Explain steps of research question
6.
 - a) Ethics in research
 - b) Ethical issues in research
7.
 - a) Randomized controlled trial
 - b) Quasi experimental trial
8.
 - a) Types of validity
 - b) Benefits to conduct research