

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

**School of Medical and Allied Sciences****Master of Pharmacy in Pharmaceutics  
Semester End Examination - Nov 2023****Duration : 180 Minutes  
Max Marks : 75****Sem III - MRMT3001 - Research Methodology and Biostatistics**General Instructions*Answer to the specific question asked**Draw neat, labelled diagrams wherever necessary**Approved data hand books are allowed subject to verification by the Invigilator*

- 1) Demonstrate the value of record keeping. K2 (2)
  - 2) Demonstrate the significance of medical research. K2 (2)
  - 3) What is the importance of communication? K1 (2)
  - 4) Interpret about different significance test. K2 (2)
  - 5) What is the role of Ethics committee? K1 (2)
  - 6) Demonstrate the value of beneficence in Medical research. K2 (2)
  - 7) What is the values of Medical Ethics in Medical Research? K1 (2)
  - 8) Illustrate about chi square test. K2 (2)
  - 9) Define placebo using an example. K1 (2)
  - 10) What is the significance of truth telling? K1 (2)
  
  - 11) Identify the need of research. K3 (5)
- OR**
- Identify the objectives of research methodology. K3 (5)
- 12) Build ta notes on animal husbandary. K3 (5)
  - 13) Simplify the term CPCSEA guidlines. K4 (5)
  - 14) Build a note on double effects. K3 (5)
  - 15) Examine about the importance of sample size. K4 (5)
  
  - 16) Simplify the role of online business practice. K4 (5)
- OR**
- Simplify the objective of SOPs. K4 (5)
- 17) Simplify the objectives of transport of lab animals. K4 (5)
  - 18) Discuss the importance of communication. K6 (10)
  
  - 19) Explain the CPCSEA guidelines for laboratory animal facility. K5 (10)
- OR**
- Explain about the importance of declaration of helsinki. K5 (10)