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School of Medical and Allied Sciences

Bachelor of Optometry

Mid Term Examination - Nov 2023

Duration : 90 Minutes

Max Marks : 50

Sem V - BOPT5006 - Research Methodology and BiostatisticsGeneral 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) Outline the steps involved in process of research. K2 (2)
- 2) Define research problem? K1 (3)
- 3) Extend and highlight complications if ethical principles are not implemented in clinical research? K2 (4)
- 4) Illustrate various methods of data collection and their significance. K2 (6)
- 5) Identify ideal sample size for a research with suitable example. K3 (6)
- 6) Construct a lesson plan for teaching research in your class. K3 (9)
- 7) Categorize research based on type of data of research. K4 (8)

- 8) Analyze and prepare a research proposal in optometry. K4 (12)

OR

Distinguish appropriate research methodology for dealing post flood issues in society K4 (12)