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School of Medical and Allied Sciences

Bachelor of Physiotherapy

Semester End Examination - Nov 2023

Duration : 180 Minutes

Max Marks : 100

Sem VII - BPHY7002 - Biostatistics and Research MethodologyGeneral 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) Tell the steps involved in preparation of a synopsis. K1 (2)
- 2) Contrast thesis versus dissertation. K2 (4)
- 3) Outline definition and explain original article. K2 (6)
- 4) Construct different types of research designs, and what are the key features that contribute to a good research design? K3 (9)
- 5) Construct the necessary steps in the process of tabulating data collected from a survey of patients' rehabilitation progress. K3 (9)
- 6) Interpret evaluation and Ex-post facto research. K5 (10)
- 7) Examine the concept of measurement scales to the sources of error in measurement. K4 (12)
- 8) Justify the idea, that an understanding of biostatistics is crucial for physiotherapy practitioners and researchers. K5 (15)
- 9) Value the importance of understanding different measurement scales. K5 (15)
- 10) Elaborate on Likert and semantic differential scale. K6 (18)