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**School of Education**

Master of Education

Semester End Examination - Jun 2024

Duration : 180 Minutes

Max Marks : 100

**Sem II - F1PB201T - Advance Educational Research Methods***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) Define standardized tool in your own words. K1 (2)
- 2) Explain the concept of inferential statistical analysis. K2 (4)
- 3) Explain the basis for selecting a statistical technique in analysing data for educational research. K2 (6)
- 4) State the concept of data. Identify various methods used for the organization and presentation of data. K3 (9)
- 5) How can the data be presented through a statistical table? Explain with the help of a hypothetical example. K3 (9)
- 6) Assess the mean and median for the following data: K5 (10)  
Marks            0-10 10-20 20-30 30-40 40-50 50-60 60-70  
No. of Students    8      12    5      15    10      5      5
- 7) Analyze the concept of coefficient of correlation. Discuss its types and uses with appropriate examples. K4 (12)
- 8) Differentiate between achievement tests and standardized tests. Explain the process of standardization of a test. K5 (15)
- 9) Explain the importance of a blueprint in test construction. Design a blueprint of an achievement test based on any hypothetical example. K5 (15)
- 10) Define the case study method in research. Discuss the procedure of data collection and requirements for case study method research. Analyze the advantages and disadvantages of this method. K6 (18)