

School of Education

**Master of Education
Semester End Examination - Jul 2024**

**Duration : 180 Minutes
Max Marks : 100**

Sem I - F1PB102T - Introduction to 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

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|--------------------|--|--------|-------|-------|-------|-------|-------|--------------------|-------|-----------------|----|----|---|----|----|---|---|--|
| 1) | Recall the meaning of the review of related literature in research. | K1(2) | | | | | | | | | | | | | | | | |
| 2) | Explain the functions of measures of central tendency. | K2(4) | | | | | | | | | | | | | | | | |
| 3) | Explain the features of good sampling. | K2(6) | | | | | | | | | | | | | | | | |
| 4) | Identify the need and functions of review of literature in research. | K3(9) | | | | | | | | | | | | | | | | |
| 5) | Construct a frequency polygon and histogram for the following data and identify the characteristics of both graphs. | K3(9) | | | | | | | | | | | | | | | | |
| | <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Marks</td> <td style="width: 12.5%;">0-10</td> <td style="width: 12.5%;">10-20</td> <td style="width: 12.5%;">20-30</td> <td style="width: 12.5%;">30-40</td> <td style="width: 12.5%;">40-50</td> </tr> <tr> <td>Number of students</td> <td style="text-align: center;">6</td> <td style="text-align: center;">8</td> <td style="text-align: center;">10</td> <td style="text-align: center;">8</td> <td style="text-align: center;">6</td> </tr> </table> | Marks | 0-10 | 10-20 | 20-30 | 30-40 | 40-50 | Number of students | 6 | 8 | 10 | 8 | 6 | | | | | |
| Marks | 0-10 | 10-20 | 20-30 | 30-40 | 40-50 | | | | | | | | | | | | | |
| Number of students | 6 | 8 | 10 | 8 | 6 | | | | | | | | | | | | | |
| 6) | Mention the code of conduct of research in data collection and why should they be kept in mind. Explain. | K5(10) | | | | | | | | | | | | | | | | |
| 7) | Analyze the concept of Research proposal. Give the structure of research proposal. Enumerate the criteria for evaluating the research proposal. | K4(12) | | | | | | | | | | | | | | | | |
| 8) | Differentiate between basic and action research. Determine the distinctive features of action research and bring out its need and utility in education. | K5(15) | | | | | | | | | | | | | | | | |
| 9) | Assess the mean and median for the following data: | K5(15) | | | | | | | | | | | | | | | | |
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| 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 | | | | | | | | | | | |
| 10) | Discuss the various classifications of research and differentiate between fundamental research and action research. Elaborate your answer with examples. | K6(18) | | | | | | | | | | | | | | | | |