**MEWAR UNIVERSITY**
**PhD Course Work**
**Research Methodology**
**ASSIGNMENT- II**

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Q.1 (a) What is the meaning of Scales of measurement in research? Distinguish among a nominal, ordinal, interval or ratio scale? Explain giving examples.

  (b)Point out the possible sources of error in measurement. Describe the tests of sound measurement.

Q.2 Discuss the relative merits and demerits of:
- Rating vs. Ranking scales;
- Summated vs. Cumulative scales;

Q.3 (a) Describe the different methods of scale construction, pointing out the merits and demerits of each.

  (b) "Scaling describes the procedures by which numbers are assigned to various degrees of opinion, attitude and other concepts." Discuss. Also point out the bases for scale classification.

Q.4 (a) Examine the merits and limitations of the observation method in collecting evidences. Illustrate your answer with suitable examples. (b)How does the case study method differ from the survey method? Analyse the merits and limitations of case study method in sociological research.

Q.5 Distinguish questionnaires and schedules. What are the guiding considerations in the construction of questionnaire? Explain.

Q.6 Distinguish between an experiment and survey. Explain fully the survey method of research.

Q.7 (a) "Processing of data implies editing, coding, classification and tabulation". Describe in brief these four operations pointing out the significance of each in the context of your research study. (b)Write a brief note on different types of analysis of data pointing out the significance of each.

Q.8 (a) What do you mean by multivariate analysis? Explain how it differs from bivariate analysis.

  (b)How will you differentiate between descriptive statistics and inferential statistics? Describe the important statistical measures often used to summarise the survey/research data.

Q. 9 What does a measure of central tendency indicate? Describe the important measures of central tendency pointing out the situation when one measure is considered relatively appropriate in comparison to other measures.

Q. 10 Discuss multiple correlation and regression for data analysis. Apply the method for a given data.

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