ADVANCED RESEARCH METHODOLOGY

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1. Remembering:
- Explain the importance of motivation in research and its impact on the quality of research outcomes.
- Define and differentiate between deductive and inductive theory in research methodology.
- Identify and describe software tools used for detecting plagiarism in research work.

2. Understanding:
- Analyze research problems and formulate gap identification in existing literature.
- Explain the various quantitative and mixed research designs used in advanced research methodology.
- Understand the different scales of measurement and their application in research data collection and analysis.

3. Applying:
- Utilize data processing techniques for classification and tabulation of research data.
- Apply quantitative methods in research analysis and interpretation.
- Implement concepts of population, sampling error, probability, and non-probability sampling in research studies.

4. Analyzing:
- Conduct a P-Value approach and multivariate analysis in research studies.
- Perform descriptive analysis of univariate data and analyze the results.
- Evaluate ANOVA and econometrics models in research methodology.

5. Evaluating:
- Critically assess research software tools such as SPSS and AMOS for data analysis and modeling.
- Compare and contrast different research methodologies for their applicability in various research scenarios.
- Evaluate the reliability and validity of research findings based on the statistical analysis and data interpretation.

6. Creating:
- Design and implement advanced research methodologies for addressing complex research questions.
- Develop research proposals and studies using a combination of quantitative and qualitative research methods.
- Create research reports and presentations incorporating advanced data analysis techniques and visualization tools.