

CENTRE FOR DISTANCE EDUCATION

Aligarh Muslim University, Aligarh

Session 2018-2019

Post Graduate Diploma in Data Analytics with Statistical Package for Social Sciences

RESEARCH METHODOLOGY: ISSUES & PERSPECTIVES

(SPSS-01)

ASSIGNMENT

Maximum Marks: 25

a) Attempt any two questions.

1. What is designing of research protocol/research project?
2. What are the Types of Interview?
3. What is Experimental, Non-experimental Research designs and benefits?
4. What the Other ethical issues as per APA guidelines?

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DESCRIPTIVE STATISTICS AND ANALYSIS

(SPSS-02)

ASSIGNMENT

Maximum Marks: 25

a) Attempt any two questions.

1. Write in details about Bar chart, Histogram, Frequency Polygon.
2. What is Standard Scores: Z score and Normalized T-score?
3. What is t-test, one way ANOVA Meaning and Calculation with SPSS?
4. Write Measures of variability: Range, Standard deviation and Variance.

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QUALITATIVE & QUANTITATIVE RESEARCH METHODS AND ANALYSIS

(SPSS-03)

ASSIGNMENT

Maximum Marks: 25

a) Attempt any two questions.

- 1. Write about Types of qualitative research: ethnography, narrative, grounded theory, case study?**
- 2. What are Scales (ordinal and nominal) and statistical tests in qualitative research (Mann-Whitney, Kruskal-Wallis ANOVA)?**
- 3. What are the Types of quantitative research: descriptive research, co relational research, quasi-experiment research, experimental research?**
- 4. What are Techniques for data collection in quantitative research?**
