

Dr. Babasaheb Ambedkar Open University
Term End Examination February – 2026

Course	: BBAR	Date	: 18-Feb-26
Subject Code	: BBAR-401	Time	: 03:00pm to 05:15pm
Subject Name	: Basic of Research Methods	Duration	: 02.15 Hours
		Max. Marks	: 70

Section A

Answer the following (Attempt any three) (30)

1. Explain Structure, Style and Contents of report writing.
2. Discuss Geographical and Graphical Representation of Data.
3. Define Regression and Correlation Analysis.
4. Write in detail about Spiral Scientific Method.
5. Explain Research Process.

Section B

Answer the following (Attempt any four) (20)

1. Write a note on Citation Styles.
2. Discuss 3 statistical analyses of Measures of Central Tendency.
3. Explain Various Techniques of Sampling.
4. Which are the different types and tools of survey?
5. Which are basic principles of experimental research?
6. Which are the elements of research proposal?

Section C

Part – A (Multiple Choice Questions) (10)

- 1 APA means
A American Psychological Association B Asian Psychological Association
C African Psychological Association D American Psychological Aviation
- 2 The _____ of the text explains in detail how the study was conducted.
A Event B Appendix
C Body D References
- 3 A _____ is the most basic complete unit of reasoning, a molecule of reason.
A Analysis B Argument
C Synthesis D Interference
- 4 The _____ is a positional measure which is the most common item of a series.
A Mean B Median
C Mode D Range
- 5 _____ is a numerical representation of the distribution of a trait.
A Research B Variance
C Data analysis D Tools

- 6 If two variables x and y move in the same direction, we say that there is a _____ Between them.
A Positive correlation B Negative correlation
C Median D Average
- 7 Doing experiments to test hypotheses is the foundation of the _____.
A Explanatory method B Correlation method
C Scientific Method D Regulation method
- 8 The basic principles of experimental designs are
A Randomization B Replication
C Local control D All of the above
- 9 This research is concerned with subjective assessment of attitudes, opinions and behavior _____.
A Qualitative Research B Quantitative research
C Ethical Research D None of the above
- 10 Quantitative research is based on the measurement of quantity or amount.
A Fundamental research B Empirical research
C Qualitative research D Quantitative research

Part – B (Do as Directed)

(10)

True or False

- 1 Formative evaluations strengthen or improve the object being evaluated.
- 2 Footnotes are notes placed at the top of a page.
- 3 The Statistical Package for the Social Sciences (SPSS) is a software package used in statistical analysis of data.
- 4 Statistical analysis involves collecting and scrutinizing every data sample in a set of items from which samples can be drawn.
- 5 A histogram is a visual form of presentation of statistical data.
- 6 Information is the first level of knowledge.
- 7 Plans for variables are intended for quality characteristics that are measured in a continuous scale.
- 8 Hypothesis can be considered as mere assumption or some supposition to be proved or disproved.
- 9 Questionnaires are usually paper-and-pencil instruments that the respondent completes.
- 10 The two terms, research and scientific method, are closely interrelated.
