

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

Course	: BBA	Date	: 23-Feb-26
Subject Code	: BBA-304(NEW)	Time	: 11:30am to 01:45pm
Subject Name	: Basic of Research Methods	Duration	: 02.15 Hours
		Max. Marks	: 70

Section A

Answer the following (Attempt any three) (30)

1. Explain the steps of Research Process in detail.
2. Discuss the structure of synopsis.
3. What is Sampling Distribution? Explain the Important Sampling Distribution.
4. What is Correlation? Explain the different Types of Correlation.
5. What is Graph? Elaborate the different types of Graphs.

Section B

Answer the following (Attempt any four) (20)

1. Explain the Different Types of experimental research.
2. Discuss the Non-Probability Sampling Method.
3. Explain the Parametric Tests in brief.
4. Explain the Measures of Dispersion.
5. Explain the different types of evaluations.
6. Explain the Different Approaches of research.

Section C

Part – A (Multiple Choice Questions) (10)

- 1 A statement that is entirely unbiased is being called as _____.
A Objective B Subjective
C both D None of these
- 2 Exploratory research is defined as the initial research into a hypothetical or theoretical idea.
A Exploratory research B Empirical research
C Qualitative research D Quantitative research
- 3 _____ is a scientific method which involves observing and describing the behavior of a subject without influencing it in any way.
A Historical research Design B Descriptive research design
C Exploratory research design D None of these
- 4 A test of a statistical hypothesis, where the region of rejection is on both sides of the sampling distribution, is called
A a one-tailed test B a two-tailed test
C Chi-square test D None of these

- 5 If two variables x and y move in opposite directions, we say that there is a _____ between them
 A positive correlation B negative correlation
 C Can't say D None of these
- 6 If the populations are normally distributed then we use _____.
 A parametric methods B non parametric methods
 C both D None of these
- 7 A _____ is a visual form of presentation of statistical data.
 A graph B histogram
 C Frequency Polygon D None of these
- 8 The _____ is the middle score for a set of data that has been arranged in order of magnitude.
 A mean B median
 C mode D None of these
- 9 A _____ is the most basic complete unit of reasoning, a molecule of reason.
 A Analysis B argument
 C Synthesis D None of these
- 10 _____ development is based on a connection or sequence in time or occurrence.
 A Chronological B logical
 C Both D None of these

Part – B (Do as Directed)

(10)

Answers the following True and false.

- 1 Hypothesis-Testing Research Designs are those in which the researcher tests the hypothesis of causal relationship between two or more variables.
- 2 The purpose of a historical research design is to collect, verify, and synthesize evidence at present.
- 3 Sharing of knowledge and collaboration through the Internet has made international cooperation on scientific projects possible.
- 4 Plagiarism is the act of copying another one's ideas, view, pictures, suppositions, expressions and presenting it as own.
- 5 A sample study is usually less expensive than a census study and produces results at a relatively faster speed.
- 6 The Chi Square distribution is the distribution of the sum of squared standard normal deviates.
- 7 The null hypothesis is generally symbolized as H_0
- 8 The researcher should make sure that the title clearly indicates and reflects the contents of the report.
- 9 Footnotes are notes placed at the top of a page.
- 10 Parametric tests involve specific probability distributions.
