

Dr. Babasaheb Ambedkar Open University
Term End Examination March – 2021

Course	: BBA	Date	: 04-March-2021
Subject Code	: BBA-304(NEW)	Time	: 10:00am to 12:00pm
Subject Name	: Basic of Research Methods	Duration	: 02 Hours
		Max. Marks	: 50

Section A

Answer the following (Attempt any two) (20)

1. Write a brief note on the contents of a report.
2. What is the need and purpose of sampling?
3. Explain spiral scientific method with diagram.
4. Discuss any three types of research in detail.

Section B

Answer the following (Attempt any three) (15)

1. Write short note on: Footnotes
2. Explain two tailed test in detail.
3. Differentiate between type I and type II errors.
4. Discuss One-way ANOVA test.
5. Explain Quota sampling and snowball sampling.

Section C

Part – A (Multiple Choice Questions) (10)

- 1 Convenience sampling is a
A Probability sampling B Non-probability sampling
C Random sampling D None of the above
- 2 A numerical value used as a summary measure for a sample, such as a sample mean, is known as a
A Population Parameter B Sample Parameter
C Sample Statistic D Population Mean
- 3 Which of the following is a method of probability sampling?
A Cluster sampling B Quota sampling
C All of the above D None of the above
- 4 Goodness of fit of a distribution is tested by
A t-test B chi-square test
C f-test D None of the above
- 5 Which of the following is not a characteristic of Data?
A Statistics are collected by
enumeration or estimation B Statistics are placed in relation to
each other
C Human being D Comparative Study

- 6 A test of a statistical hypothesis, where the region of rejection is on only one side of the sampling distribution called
- A a one-tailed test B a two-tailed test
C t-test D None of these
- 7 A _____ is a visual form of presentation of graphical data.
- A Graph B Histogram
C Frequency polygon D Ogive curves
- 8 _____ is a difference between the largest and the smallest observation in the data.
- A Range B Mean
C Median D Mode
- 9 _____ refers to the task of drawing inferences from the collected facts after an analytical and experimental study.
- A Interpretation B Inference
C Synthesis D argument
- 10 _____ is the act or process of deriving logical conclusions from premises known or assumed to be true.
- A Interpretation B Inference
C Synthesis D argument

Part – B (Do as Directed)

(05)

State Whether the following statement are True or False

- 1 The data collected from the study of one part of the universe is not valid to the entire parts.
- 2 Scientists formulate hypotheses in order to imagine how an idea works and then finding out how to put to them to the test of reality.
- 3 An assumption is a realistic expectation which is something that we believe to be true.
- 4 Measurement is the process observing and recording the observations which are collected as part of a research effort.
- 5 The qualitative approach involves the collection of quantitative data, which are put to rigorous quantitative analysis in a formal and rigid manner.
