Dr. BabasahebAmbedkar Open University
Term End Examination July – 2019

Course	: BBA	**Date**	:	09/07/2019
Subject Code	: BBAN-304	**Time**	:	11:00am to 02:00pm
Subject Name	: Basic of Research Methods	**Duration**	:	03 Hours
		Max. Marks	:	70

Section A

Answer the following (Attempt any three) (30)

1. What is Research process? Explain in detail Research Process?
2. Describe different types of Research Design
3. What is an experimental research? Explain the different types of experimental research
4. What is Sampling? Write down the various methods of sampling
5. Write about Regression and Correlation Analysis?

Section B

Answer the following (Attempt any four) (20)

1. Write a note on formation of hypothesis?
2. Write a short note on Survey Method of research
3. What is Type I error explain in detail.
4. What is the need and purpose of sampling?
5. Create a distribution of your own and represent the median graphically using a bar diagram?
6. Write down about the various style manuals?

Section C
Part – A (Multiple Choice Questions) (10)

1 In Quantitative approach _____data is collected

  A quantitative   B qualitative

  C Both   D none

2 _____ has an experimental, inferential, and simulation approach to research

  A quantitative   B qualitative

  C both   D none

3 A statement that is entirely unbiased is being called as _____

  A Objective   B Subjective

  C Both   D none

4 _____happens when a researcher carefully observes and notes a participant in their natural setting without interference

  A Field observation   B laboratory observation

  C Classroom observation   D None of the above

5 _____ 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   All of the above

6 _____ is the idea of your planned project submitted for approval from competent authorities.

   A   Introduction   B   Synopsis

   C   Structure   D   All of the above

7 _____.is selecting a sample of appropriate size for the study

   A   sampling   B   Graphing

   C   researching   D   marketing

8 Every experiment in any of the natural sciences generates a lot of data, which needs to be stored and analyzed. These are all possible because of

   A   Smart phones   B   Calculators

   C   computers   D   Text books

9 _____ is a probability distribution that is used to estimate population parameters when the sample size is small and/or when the population variance is unknown

   A   f distribution   B   t distribution

   C   Chi square distribution   D   Z distribution

10 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   Both of these   D   None of these

Part – B (Do as Directed) (10)

State whether following statements 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 Science assumes the happenings in the world in a reliable model that can be understood by a methodical study

3 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

4 An assumption is a realistic expectation which is something that we believe to be true.

5 Observation is the act of thoroughly viewing another's interactions with his or her surroundings

6 Hypothesis-Testing Research Designs are those in which the researcher tests the hypothesis of causal relationship between two or more variables

7 The first stage in historical research is heuristic

8 The results from a descriptive research can be used as a definitive answer

9 Laboratory observations consume more time and are costly than naturalistic observations

10 A sample study is usually less expensive than a census study and produces results at a relatively faster spee