

15MTAC13 Research methodology

Part –A

10 x ½ =5

Answer the following

Choose the correct Answer

1. Research is
 - a. Searching again and again.
 - b. Finding solution to any problem.
 - c. Working in a scientific way to search for truth of any problem
 - d. none of the above

2. The essentials qualities of research are ,
 - a. Spirit of free enquiry
 - b. Reliance on observation
 - c. Systematization
 - d. All the above

3. Which of the following is the first step of in starting the research process
 - a. Searching sources of information to locate problem
 - b. Survey of related literature
 - c. Identification of problem
 - d. Searching for solutions to the problems

4. A common test in research demands much priority on
 - a. Reliability
 - b. Usability
 - c. objectivity
 - d. All of the above

5. Action research means
 - a. Longitudinal research
 - b. A research initiated to solve on immediate problem
 - c. An applied research
 - d. A research with socio-economic objective

6. Questioner is a
 - a. Research method
 - b. Measurement techniques
 - c. Tool of data collection
 - d. All the above.

7. Mean, median and mode are
 - a. Measures of deviation
 - b. Ways of sampling
 - c. Measures of control tendency
 - d. none of the above

8. Controlled group is a term used in,
 - a. Survey research
 - b. Historical research
 - c. Experimental research
 - d. Descriptive research

9. Research report should be reviewed in the light of
 - a. Investigation bias
 - b. cultural context
 - c. methodological factors
 - d. Logical factors

10. Research paper is brief report of research work based on.
 - a. primary data
 - b. secondary data
 - c. Both primary and secondary data
 - d. None of the above

Part – B

(5×4=20)

Answer all questions

Answer should not exceed 200 words or one page

11(a). Explain the significance of research

or

11(b) Write down the steps of research process.

12(a) Write a brief notes on research design.

or

12 (b). Explain the characteristics of experimental designs.

13(a). Explain the procedures of sampling.

or

13(b). Differentiate between census and survey methods.

14(a). Write about the methodology of construction of a questionnaire.

or

14(b) .Enlist the source of primary and secondary data.

15(a). Explain the details about the test of significance.

or

15(b). List out the importance of research writing

Part-c

(5×7=35)

Answer all question

Answer should not exceed 600 words or three pages

16(a). Illustrate with examples the preparation and importance of Reviews of Literature?

or

16(b). Describe the different types of Research.

17(a). Explain formulation of Hypothesis and the general procedure of testing of hypothesis.

or

17(b). Narrate the various types of research design.

18(a). Illustrate the procedure of selecting a random sample.

or

18(b). Briefly explain the methodology data collection.

19(a). Discuss the four types of measurement

or

19(b). Describe the basis concepts of hypotheses .

20(a). Brief note on INTERPRETATION methodology.

or

20(b). Give a detailed Account of report writing Techniques.
