

MA EDUCATION
SECOND SEMESTER
RESEARCH METHODOLOGY IN EDUCATION
MAE – 201

**SET
A**

[USE OMR SHEET FOR OBJECTIVE PART]

Duration: 3 hrs.

Full Marks: 70

Time: 30 mins.

(Objective)

Marks: 20

Choose the correct answer from the following:

1 × 20 = 20

- Which of the skills/qualities is most important for a research?
 - Desire to discover the truth
 - Communication skills
 - Ability to gather data
 - Ability to work hard
- The case study method is mostly involved in which of the following qualitative research designs?
 - Phenomenological Design
 - Ethnographical Design
 - Grounded theory Design
 - Narrative Design
- Which of the following represents the distinctive feature of qualitative research?
 - Perspective based, inductive and meaning giving
 - Hypothesis based, deductive and testing
 - Deductive cum inductive based approach and generalization
 - Deductive inquiry with focus and hypothesis being tested
- In order to pursue the research, which of the following is priority required?
 - Developing a research
 - Formulating a research question
 - Deciding about the data analysis procedure
 - Formulating a research hypothesis
- How is random sampling effective?
 - Reasonably accurate
 - An economical method of data collection
 - Free from personal bias
 - All of the above
- Which of the following is the secondary source of data?
 - Archival Data
 - Participant's diary
 - National sample survey organization data
 - Oral narrations
- _____ research is based on the measurement of quantity as amount.
 - Qualitative
 - Descriptive
 - Quantitative
 - Numerical

8. The objective of _____ is the development of hypotheses rather than their testing.
 - a. Laboratory research
 - b. Diagnostic research
 - c. Exploratory research
 - d. Experimental research
9. Research design is a _____ for conducting the marketing research project.
 - a. Strategy
 - b. Framework
 - c. Blueprint
 - d. Both a & c
10. The longitudinal research approach mainly deals with _____.
 - a. Horizontal research
 - b. Vertical research
 - c. Short term research
 - d. Long term research
11. A university teacher intends to study the relationship between the level of inspiration and achievement of rural children. Which design of research will be most appropriate in the context?
 - a. Experimental research design
 - b. Ex-post facto design
 - c. Historical research design
 - d. Survey research design
12. When a research problem is related to heterogeneous population, the most suitable sampling method is _____.
 - a. Cluster Sampling
 - b. Stratified sampling
 - c. Convenient Sampling
 - d. Lottery sampling
13. Which of the following sampling methods is based on probability?
 - a. Judgment sampling
 - b. Stratified sampling
 - c. Quota sampling
 - d. Convenience sampling
14. Snowball sampling is the process of selecting a sample using _____.
 - a. Networks
 - b. Groups
 - c. Snowballs
 - d. Computer Programs
15. _____ includes data concerning the family background and educational development.
 - a. Case study
 - b. General behavior
 - c. Genetic approach
 - d. Adequacy
16. A researcher wants to study the association between gender and using a mobile phone data collected for this study will be-
 - a. Quantitative data
 - b. Qualitative data
 - c. Continuous data
 - d. Classified data
17. Which one of the following is a type of self reporting technique?
 - a. Field analysis
 - b. Questionnaire
 - c. Case study
 - d. Focus group
18. Which data is cheaper to collect?
 - a. Primary data
 - b. Secondary data
 - c. New data
 - d. Collective data

19. Through which of the following methods of research 'cause and effect relationship is focused?
- a. Historical method
 - b. Experimental method
 - c. Ex post facto method
 - d. Case study method
20. Which of the following is an example of qualitative research?
- a. Experimental research
 - b. Ex post facto research
 - c. Descriptive survey research
 - d. Grounded theory research

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(Descriptive)

Time : 2 Hr. 30 Mins.

Marks : 50

[Answer question no.1 & any four (4) from the rest]

1. What do you mean by Educational research? Mention its types. Write briefly the objectives of educational research. 2+3+5=10
2. How hypothesis are formulated? Discuss the steps involved in making a research proposal. 2+3+5=10
3. Write the meaning of research design. Mention two importance of research design. Write briefly the characteristics of good research design. 2+2+6=10
4. What is the meaning of Experimental Design of research? Discuss briefly the Quasi Experimental and Ex post facto design of research. 2+8=10
5. Write the meaning of data collection. Write briefly about the Questionnaire and Interview tools for data collection in research. 2+8=10
6. Write the meaning of rating scale and observation. Write briefly about probability and non probability sampling method. 4+6=10
7. Write the concept of Qualitative and Quantitative research. Discuss the types of Qualitative and Quantitative research with examples. 4+6=10
8. What do you mean by sampling and sampling error? Briefly explain the Parametric and Non -parametric test. 4+6=10

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