

N.V.K.S.D. COLLEGE OF EDUCATION, ATTOOR
(AUTONOMOUS)

M.Ed. Degree First Semester Examination, March 2022
(For the candidates admitted for the academic year 2021-2023)

Tool course: BASICS IN EDUCATIONAL RESEARCH
Course code: MED1TC001

Time: 3 Hours

Maximum Marks: 70

SECTION A (10 x 1 = 10 marks)

Answer ALL the questions by selecting the appropriate answers.

1. Basic research aims at
 - a) Theory building
 - b) Immediate solution of the problem
 - c) Field application
 - d) Experimentation
2. Value representing any trait or characteristics of the population is
 - a) Sampling unit
 - b) Statistic
 - c) Parameter
 - d) Standard error
3. Hypothesis which specifies the direction of the relationship between the variables is
 - a) Non directional hypothesis
 - b) Null hypothesis
 - c) Directional hypothesis
 - d) Causal hypothesis
4. Internal criteria for selection of a problem is
 - a) Researcher's competence
 - b) Researchability of the problem
 - c) Novelty
 - d) Social relevance
5. Research conducted to determine the cause or consequences of differences that already exist between or among groups of individuals is
 - a) Experimental research
 - b) Quasi Experimental research
 - c) Causal comparative research
 - d) Developmental research
6. Action research is
 - a) An applied research
 - b) A research carried out to solve immediate problems
 - c) A longitudinal research
 - d) All the above
7. Type of research which helps to determine age and grade norms of development is
 - a) Documentary analysis
 - b) Mixed research
 - c) Case study
 - d) Genetic research
8. A researcher divides his population into certain groups and fixes the size of the sample from each group. The sampling technique used is
 - a) Stratified sampling
 - b) Cluster sampling

- c) Convenience sampling d) Quota sampling
9. The process of dealing with the authenticity of historical sources is referred as
- a) Primary criticism b) Internal criticism
c) Secondary criticism d) External criticism
10. Attributes of objects, events or things which can be measured are called
- a) Qualitative measures b) Data
c) Variables d) None of the above

SECTION B (5 x 3 = 15 marks)

Answer all the FIVE questions in about 100 words each.

11. What are the sources for the selection of a research problem?
12. Examine the significance of delimiting a research problem.
13. List the characteristics of a good hypothesis.
14. Write a short note on case study.
15. What purposes does document analysis serve in educational research?

SECTION C (5 x 5 = 25 marks)

Answer any FIVE questions in about 200 words each.

16. Differentiate between quantitative research and qualitative research.
17. Enumerate the need and importance of review of related literature.
18. Describe the types of mixed research.
19. Explain different types of hypotheses.
20. Enlist the criteria of a good research.
21. Differentiate between longitudinal and cross sectional researches pointing out the individual merits of each.
22. Explain any two experimental designs.

SECTION D (2 x 10 = 20 marks)

Answer BOTH the questions in about 500 words each.

23. a) State any problem in the field of education and write down a research proposal
- (or)
- b) Explain different methods of sampling techniques with examples.
24. a) Explain the significance of survey method in educational research. Describe the major steps to be followed in conducting such a study.
- (or)
- b) Explain the need for conducting ethnographic research. Elaborate the points to be considered to make ethnographic research trustworthy.