Qn.Code: MEDC13

**N.V.K.S.D. COLLEGE OF EDUCATION**

**(AUTONOMOUS)**

**M.Ed. Degree First Semester Examination, March 2023**

**(For the candidates admitted during the academic year 2022-2023)**

**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. Research is

a) A belief of the people that is transmitted from generation after generation

b) An idea of the educators taught in the classrooms

c) A systematic enquiry into the problems to find the solution

d) A searching of truth in all our endeavours.

1. The one which is not a characteristic of action research is

a) Researcher is a part of the problem b) Scope is vast

c) Undertaken by the classroom teachers d) Immediate solution

1. A brief report about a study that a researcher intends to investigate is a

a) Research Report b) Research Proposal

c) Research Abstract d) Research Problem

1. An assumption, that is proposed for the sake of research so that it can be tested to see if it might be true is

a) Population b) Sample c) Review d) Hypothesis.

1. Population in research refers to

a) The entire group of which the conclusions are to be drawn from

b) The specific group from which the data is to be collected upon

c) A complete set of people with a specialized set of characteristics

d) (a) and (c)

1. A sampling technique of which the researcher asks her/his subjects to nominate another person with the same trait as the next subject

a) Cluster Sampling b) Purpositve Sampling

c) Quota Samplling d) Snowball Sampling.

1. Match the following

I. Stratified Random Sampling - (i) Quantitative Research

II. Survey - (ii) Probability Sampling

III. Convenience Sampling - (iii) Qualitative Research

IV. Document Analysis. - (iv) Hypothesis

 (v) Non-Probability sampling

a) I-(ii), II- (iv), III- (i), IV - (v)

b) I- (ii), II-(i), III- (iv), IV- (v)

c) I - (ii), II- (i), III- (iv), IV -(iii)

d) I - (ii), II- (i), III- (v), IV-(iii

1. The research in which the researcher, investigates the effect of an independent variable on a dependent variable by comparing two or more groups of individuals is a/an

a) Survey Research b) Experimental Research

c ) Causal Comparative Research d) Genetic Studies.

1. A qualitative research does not include

a) Ethnography b) Historical

c) Case study d) Survey

1. The scientific description of people and culture with their customs, habits and mutual differences is a/an

a) Ethnography b) Historical research

c ) Case study d) Grounded research

**SECTION B (5 x 3 = 15 marks)**

**Answer all the FIVE questions in about 100 words each.**

1. Mention the characteristics of a good research.
2. How do you identify a research problem?
3. What are the characteristics of a good sample design?
4. Differentiate survey research from experimental research.
5. Define mixed research and explain its types.

**SECTION C (5 x 5 = 25 marks)**

**Answer any FIVE questions in about 200 words each.**

1. Examine the need for research in education.
2. How the related literature be reviewed?
3. Explain the types of hypothesis.
4. Illustrate different types of random sampling.
5. What criteria you would bear in mind while writing a research report?
6. Explain how a case study is significant in research.
7. Explain the strength and limitations of casual comparative research.

**SECTION D (2 x 10 = 20 marks)**

**Answer BOTH the questions in about 500 words each.**

## a) Explain the differences among basic research, applied research and action research.

## (or)

## b) Enumerate the steps in writing Research proposal with an example.

## a) Discuss experimental research and explain various experimental designs.

## (or)

##  b) Describe non-probability sampling techniques.