N.V.K.S.D. COLLEGE OF EDUCATION, ATTOOR
(AUTONOMOUS)
M.Ed. Degree First Semester Examination, January 2019
(For the candidates admitted for the academic year 2018-2020)

Tool course: **BASICS IN EDUCATIONAL RESEARCH**
Course code: M1TC1803

Time: 3 Hours   **Maximum Marks: 70**
SECTION A (10 x 1 = 10 marks)
Answer ALL the questions by selecting the appropriate answers.

1. Research concerned with theory building is
   a) Applied research   b) Action research
   c) Fundamental research   d) Survey research.

2. The definition 'research is an organized and systematic enquiry'
   is given by
   a) Marshall   b) P.V. Young   c) Emory   d) Kerlinger

3. Action research is ordinarily concerned with problems of
   a) General nature.
   b) Theory building.
   c) Immediate concern and call for immediate solutions.
   d) Long-range implications.

4. 'Reasoning from general to particular' is called
   a) Induction   b) Deduction   c) Observation   d) Experience

5. Selecting sample units in just a ' hit or miss' fashion is called
   a) Accidental sampling   b) Purposive sampling
   c) Stratified sampling   d) Proportionate sampling.

6. The preferred sampling method for the population with finite size
   is
   a) Systematic sampling   b) Purposive sampling
   c) Cluster sampling   d) Area sampling

7. Blue print of research work is called
   a) Research problem   b) Research proposal
   c) Research tool   d) Research method

8. "Hypothesis is a tentative generalization" is stated by
   a) Good and Hatt   b) Lund berg
   c) Emory   d) Orwell

9. The measure of central tendency most commonly used for commercial purpose is
   a) Arithmetic mean   b) Median
   c) Mode   d) Range

10. The most stable measure of variability is
    a) Quartile deviation   b) Standard deviation
    c) Mean deviation   d) Range

SECTION B (5x3 = 15 marks)
Answer all the FIVE questions in about 100 words each.

11. Define Educational research.

12. What is meant by 'delimiting a research problem'?

13. What are the sources of research problem?

14. Illustrate the empirical relationship between mean, median and mode.

15. Write short notes on
    a. Deciles b. Percentiles

SECTION C (5 x 5 = 25marks)
Answer any FIVE questions in about 200 words each.

16. Describe the qualities of a good researcher.

17. Explain the different steps involved in writing research proposal.

18. Describe the role of review of related literature in a research study.

19. Highlight the steps in sampling process.

20. What are the steps involved in organisation of data?

21. Calculate mode for the following data:

C.I	10-19	20-29	30-39	40-49	50-59
F	6	4	5	8	7

22. Discuss in detail the construction of ogive with an example

SECTION D (2x 10 = 20 marks)
Answer BOTH the questions in about 500 words each.

23. a) Elaborate the phases of research process

(OR)

   b) Explain the different types of sampling techniques used in educational research. List the considerations to be borne in mind while selecting sampling techniques.

24. a) Explain the various types of hypotheses with examples.

(OR)

   b) Explain the methods of qualitative data analysis