

M.Ed. Semester-I Examination 2016
Course : MED-214
(Methodology of Educational Research)

Time : Three Hours

Full Marks : 70

Questions are of value as indicated in the margin

Group – A

Attempt any two

15x2=30

1. What do you mean by scientific inquiry ? Describe the general steps of scientific inquiry. Explore the relationship between Scientific Inquiry and Research. 3+6+6=15
2. What is a research proposal? How is it different from a 'research-synopsis' and 'research-report'? Prepare a short research-proposal on any topic from Education. 2+5+8=15
3. What are the characteristics of a research problem? Discuss the following with reference to a research problem. 3+12=15
(a) Formulation of the problem (b) Analysis of the problem (c) Evaluation of the problem
4. What is sampling technique? Classify different types of sampling techniques with suitable examples. 3+12=15

Group – B

5. Attempt any four

5x4=20

- a. What is an Experimental Research? Point out the major steps of conducting an experimental study in education.
- b. Write down the differences between two major sources of data with examples.
- c. What is a descriptive research? Compare the longitudinal and cross sectional studies in the field of education.
- d. State three major aspects of item analysis.
- e. What are the major guidelines for writing test items?
- f. Define "survey method" in an educational research and mention its advantages and limitations.

Group – C

6. Attempt any five

5x2=10

- a. Compare Qualitative and Quantitative Researches in education on any two basis.
- b. Enlist any four tools for data-collection in educational research.
- c. What are the different sources of data in historical research in Education?
- d. What is the importance of citing references in a research report writing?
- e. Mention two major differences between Ethnographic Research and Phenomenological Research.
- f. State four basic points explaining the importance of literature review.
- g. Write down the characteristics of a good hypothesis
- h. How can you, as researcher, control sampling errors in any errors educational Research?

Group – D

7. **Attempt all** 1x10=10
- i. The process of determining the reliability or accuracy of the information contained in the sources is called-
(a) External criticism (b) Internal criticism (c) Vagueness (d) Presentism
 - ii. The method of summated ratings is given by
(a) Turnstone (b) Kelley (c) Likert (d) Guttman
 - iii. The group that does not receive the experimental treatment is
(a) An experimental group (b) A control group (c) A treatment group (d) An independent group
 - iv. In device that consists of a form containing a series of Questions which are asked and filled in by the Researcher is known as
(a) Questionnaire (b) Schedule (d) Scale (d) Interview guide
 - v. Which research paradigm is least concerned about generalizing its findings?
(a) Quantitative research (b) Qualitative research (c) Mixed research (d) None of the above
 - vi. The item having Quality for being open to more than one interpretation is called-
(a) Ambiguous (b) Vague (c) Complex (d) None
 - vii. A variable that is presumed to cause a change in another variable is called a (n):
(a) Categorical variable (b) Dependent variable (c) Independent variable (d) Intervening variable
 - viii. Opinionnaires are verbal statement regarding –
(a) Belief (b) Feeling (c) Reality (d) View points
 - ix. Which form of reasoning is the process of drawing a specific conclusion from a set of premises?
(a) Rationalised reasoning (b) Deductive reasoning (c) Inductive reasoning
(d) Probabilistic reasoning
 - x. From which type of research the development of solid foundation of reliable knowledge is typically built?
(a) Basic research (b) Action research (c) Evaluation research (d) Orientational research
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