2018

MLISc. 1st Seme. Examination

RESEARCH METHODOLOGY

PAPER—MLI-109

Full Marks : 40

Time : 2 Hours

The figures in the margin indicate full marks.

Candidates are required to give their answers in their own words as far as practicable.

Answer *all* questions.

Group-A

1. Answer any *four* questions :   4×2

   (a) Distinguish between research method and research methodology.

   (b) Define 'Empirical Research'.

   (c) Define 'Quota Sampling'.

(d) What is Open-ended questionnaire ?

(e) Do you think 'Random Sampling' is 'Random' in nature ? Justify.

(f) State the main objective of action research.

(g) What is the meaning of research design ?

(h) What is the difference between dependent variable and independent variable ?

Group-B

2. Answer any *four* questions :   4×4

(a) Discuss the importance of literature review in research.

(b) Explain price concept of "Little Science, big Science".

(c) Do you think Social Science is an inexact science ? Justify.

(d) Define a research problem in a context independent way.

(e) Describe briefly the problems generally faced by the researchers in India.

(f) Explain with examples Snowball sampling and Stratified random sampling.

(g) Describe Dichotomous Scale and Likert Scale.

(h) Indicate the research type with proper reasoning for the following titles :

    (i) Impact of population growth on groundwater quality : a study in the metro-cities of South India.

    (ii) Developing scientometric model of superconductivity research in India since 1989 to 2017.

Group–C

3. Answer any *two* questions :   2×8

(a) Describe different steps involved in research process.

(b) Do you think the subject library science belongs to the discipline of science ? Justify your answer on the basis of Ranganathan's Spiral of Scientific method.

Explain how inductive reasoning and deductive reasoning are applied at different phases of spiral of scientific *method*.

(c) State the basic objectives of research. Describe different methods of data collection.

(d) Explain Ranganathan's dynamic approach in research on knowledge classification. What is the criteria of a good research ?

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