

2016

M.LI.Sc.

1<sup>st</sup> Semester Examination

RESEARCH METHODOLOGY

PAPER—MLI-109

Full Marks : 40

Time : 2 Hours

The figures in the right-hand margin indicate full marks.  
Candidates are required to give their answers in their  
own words as far as practicable.

Answer all questions.

1. (a) Write short notes on any one of the following :

1×5

(i) Delphi technique.

(ii) Survey research.

(b) Distinguish between the concepts belonging to any

two pairs of concept :

$2\frac{1}{2} \times 2$

(i) Open-ended questionnaire and close-ended

questionnaire.

(Turn Over)

- (ii) Theoretical research and applied research.
  - (iii) Simple Random sampling and stratified random sampling.
2. (a) (i) Describe the structural layout of a research report.
- (ii) Define 'research problem'.
  - (iii) Under what circumstance do you recommend non-probabilistic sampling? 8+5+2

Or

- (b) (i) Indicate the research-type, with proper reasoning, incase of *any three* of the following :  $2\frac{1}{2} \times 3$
- I. Use of Ranganathan's analytico-synthetic approach in developing a domain ontology in library and information science.
  - II. Pigment extraction from fungus for textile dyeing.
  - III. A Study on use of medicinal plants by the rural women of Belpahari, Paschim Mednipur.
  - IV. A Study on genesis and development of the subject Scientometrics.

(ii) What is ethnographic research? Discuss the importance of participatory observation method as a mode of data-collection in ethnographic research. 3+4 $\frac{1}{2}$

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

(ii) Describe different methods of collection of data.

(iii) State the principal objectives of research.

4+9+2

*Or*

(b) (i) Explain the importance of library in research.

(ii) State some common problems usually faced by researchers in India.

(iii) Describe the contribution of S.R. Ranganathan in library classification research in India.

3+2+10

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