

MLISC 1st Semester Examination, 2019

RESEARCH METHODOLOGY

PAPER —MLI-109

Full Marks : 40

Time : 2 hours

Answer **all** questions

The figures in the right-hand margin indicate marks

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

GROUP — A

1. Answer any *four* questions : 2 × 4
- (a) Distinguish between fundamental research and applied research.
- (b) State the qualities of a good research.
- (c) What is 'close-ended' questionnaire ?

- (d) Define Area Sampling.
- (e) What is historical research ?
- (f) What is Likert Scale ?
- (g) Distinguish between discrete variable and continuous variable.
- (h) Suppose you have to study the information seeking behaviour of drug-addicted students of an institution. Explain with reason the sampling technique to be followed in this case.

GROUP – B

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

- (a) Explain how inductive reasoning and deductive reasoning are applied in spiral of scientific method.
- (b) Define 'Ethnographic Research'. Explain the data collection method to be followed in ethnographic research.

- (c) Explain with examples systematic sampling and purposive sampling.
- (d) Discuss the importance of literature review in research.
- (e) Explain how Ranganathan adopted the concept of infinity (∞) from mathematics in defining 'subject' in the theory of faceted classification.
- (f) Explain action research and longitudinal research with examples.
- (g) Discuss observation method of data collection.
- (h) Explain 'price' concept of "Little Science, big science".

GROUP – C

3. Answer any *two* questions : 8 × 2
- (a) Describe different components of a research report. 8
 - (b) Indicate the research type with proper reasoning for the following titles : 2 × 4

- (i) Ranganathan and the faceted classification theory (This paper critically reviews Ranganathan's main theoretical contributions to the classification theory).
 - (ii) Study of Dengue Virus infections on five thousand people in Kolkata Municipal area.
 - (iii) One hundred years of library and Information science periodicals published from India (This paper studies genesis and development of Indian Library and Information Science periodicals from 1914 to 2013.)
 - (iv) Towards understanding folk-cultural practices of Santal communities of Purulia district. (This paper identifies the characteristic features of Santal cultural practices and presents a review of the same.)
- (c) Explain the Normative Principles of library classification from the viewpoint of spiral

(5)

of scientific method. Enumerate the objectives of research. What is the motivation in research ? 3 + 3 + 2

(d) Explain the needs for research design. What is Interview method of data collection ? 4 + 4
