

2022

1st Semester Examination
MASTER OF LIBRARY AND
INFORMATION SCIENCE

Paper : MLI 109

Research Methodology

Full Marks : 40

Time : Two Hours

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

Group - A

Answer any *four* of the following questions : $5 \times 4 = 20$

1. Discuss the importance of literature review in research.
Define purposive sampling. 3+2
2. Describe briefly different components of a research proposal. 5
3. Define theoretical research and empirical research. What is the difference between them? 3+2
4. Distinguish between research method and research methodology. Define probability sampling with examples. $1\frac{1}{2} + 3\frac{1}{2}$
5. What are the criteria of good research? 5

P.T.O.

6. Discuss briefly the role of INFLIBNET in promoting the facilities of research in India. 5

Group - B

Answer any *two* of the following questions : $10 \times 2 = 20$

1. (i) Describe briefly different steps involved in research process.
- (ii) Explain which types of sampling methods should be adopted in the following cases (any *two*) :
 - (a) To study the information-seeking behaviour of the drug-addiction students residing in South Kolkata;
 - (b) To study the impact of Instagram on Post-graduate bio-science students of Vidyasagar University;
 - (c) To study the economic conditions of the people living in the villages of Paschim Medinipur. $7 + 1\frac{1}{2} + 1\frac{1}{2}$
2. (i) Describe briefly different components of a research report.
- (ii) State the types of research for the following titles (any *two*) :
 - (a) To estimate the energy radiated due to collision between black holes (different forms of dead stars);

(b) An analytical study of growth and development of Bengali folk literature since Eighteenth Century;

(c) An analytical study of the Lichens as indicators of atmospheric pollution in urban ecosystems. 7+1½+1½

3. (i) Do you think random sampling is 'Random' in nature? Justify with reasons.

(ii) Explain how inductive logic and deductive logic are applied in Ranganathan's 'Spiral of Scientific Method'.

(iii) Describe questionnaire method of data collection.

3+3+4

4. (i) What are the differences between survey research and experimental research?

(ii) Discuss Likert Scale.

(iii) State fundamental objectives of research. 3+3+4
