

Seat
No.

M – 29

M.Lib. I.Sc. (Semester – I) Examination, 2012
Lib. and Inf. Sc. (Paper – III) (New)
RESEARCH METHODS AND STATISTICAL TECHNIQUES (Paper – I)
Sub. Code : 47753

Day and Date : Thursday, 3-5-2012

Time : 3.00 p.m. to 6.00 p.m.

Total Marks : 80

- Instructions:** 1) **All questions are compulsory.**
2) **All questions carry equal marks.**

1. Multiple choice questions.

20

A) Choose the correct answer

1) Research is related with

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|------------------------------|----------------------------------|
| a) Discovering new knowledge | b) Developing existing knowledge |
| c) Verify knowledge | d) All the above |

2) Observational research and empirical research together are called

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|------------------------|-------------------------|
| a) Historical research | b) Descriptive research |
| c) Pragmatic research | d) None of the above |

3) The exponent of scientific method was

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|----------------------|------------------|
| a) Francis Bacon | b) John Best |
| c) D. B. Krishna Rao | d) None of above |

4) Historical method can be applied to

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|--------------------|----------------------------|
| a) only in history | b) only in library history |
| c) social science | d) in all the subjects |

5) An interview is a

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|-------------------------|-----------------------|
| a) Type of research | b) Method of research |
| c) Data collection tool | d) None of the above |

6) Fundamental laws are got by

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|---------------|--------------|
| a) Perception | b) Intuition |
| c) Intellect | d) Induction |

P.T.O.

- 7) Dr. S. R. Ranganathan's five laws of library science is an example of
- Applied Research
 - Historical research
 - Observation
 - Fundamental research
- 8) Research design gives
- Current solution to the problem
 - Development of theory
 - Blue-print of research work
 - Finding and suggestions
- 9) In research, analysis and interpretation of data is useful for
- Stating objectives of research
 - Testing of research results
 - Determining research methodology
 - Making inferences and drawing conclusions
- 10) NASSDOC was set up by
- CSIR
 - ICSSR
 - NISSAT
 - UNESCO

B) Answer in **one** or **two** sentences :

- 1) What is a research problem ?
- 2) Define the term hypothesis.
- 3) Write any two characteristics of research design.
- 4) Give the full form of DRTC.
- 5) Who was awarded the first Ph. D. in Library and Information Science in India ?
- 6) What is a pragmatic research ?
- 7) Write any two characteristics of good questionnaire.
- 8) What are the merits of schedule ?
- 9) What are the different types of observation ?
- 10) Give the full form of LISA.

2. Enumerate the various steps involved in process of research and discuss the importance of each step.

OR

Explain the concept 'Research'. Highlight the ethical issues in research.

3. Briefly discuss the various research methods with suitable examples.

OR

Describe in detail the various data collection tools used in research.

4. Write short note on **any four** of the following :

- a) Need of research
- b) Types of research
- c) Literature search
- d) Hypothesis
- e) Importance of Research Design
- f) Research problem.