

R – 393

Total No. of Pages : 4

Seat No.	
-------------	--

M. Lib. & Inf. Sc. (Semester - I) Examination, November - 2016

LIBRARY AND INFORMATION SCIENCE (Paper - III)

Research Methods & Statistical Techniques

Sub. Code : 47753

Day and Date : Thursday, 24 - 11 - 2016

Total Marks : 80

Time : 10.30 a.m. to 01.30 p.m.

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

**Q1) A)** Multiple choice questions (Tick mark (✓) the correct answer) :

- a) Who has defined research as a 'systematized effort to gain new knowledge'.
- Goode and Half
  - Redman and Morry
  - D. Slesinger and M. Stephenson
  - Clifford Woody
- b) A research design should be propounded after formulating \_\_\_\_\_.
- Hypothesis
  - Methodology
  - Objectives
  - Scope
- c) The method of investigation to collect information on phenomen through observation, interviews and questionnaire is known as \_\_\_\_.
- Record analysis
  - Case study
  - Survey
  - Schedule

PTO.

- d) A systematic viewing coupled with consideration of the seen phenomena is known as \_\_\_\_.
- Surveying
  - Observation
  - Experimentation
  - Questioning
- e) The term 'internal criticism' and 'external criticism' are related to \_\_\_\_ method of research.
- Case study
  - Experimental
  - Historical
  - Descriptive
- f) Dr. S.R. Ranganathan's 'Five Laws of Library Science' is an example of \_\_\_\_ research.
- Fundamental
  - Historical
  - Applied
  - Observational
- g) A direct method of enquiry as well as method of depth study is called \_\_\_\_.
- Interview method
  - Observation method
  - Content Analysis
  - Questionnaire method

h) The distinctive mental process involved in Empirical research is \_\_\_\_\_.

- i) Induction
- ii) Perception
- iii) Sublimation
- iv) Deduction

i) Observation method is used to collect \_\_\_\_\_.

- i) Information
- ii) Wisdom
- iii) Data
- iv) Knowledge

j) The research which gives the same result every place is known as \_\_\_\_\_ research.

- i) Priori
- ii) Fundamental
- iii) Basic
- iv) Empirical

B) Answer the following questions in one or two sentences.

- a) Define 'Research Design'.
- b) Give the meaning of 'Empirical Laws'.
- c) In which research 'Four Cell Method' is used?
- d) What is "observation method"?
- e) 'A priori - Research has two levels namely pure Research and Applied Research'. State whether it is true or false.
- f) In a questionnaire which are called as close ended questions.

- g) What is 'Pragmatic Research'?
- h) Which data collection method involve verbal communication between the researcher and respondent?
- i) What is 'Null hypothesis'?
- j) 'Cranfield studies' is an example of Team-relay research. State whether it is true or false.

**Q2)** Write short notes (Any four) :

- a) Fundamental Research.
- b) Record Analysis.
- c) Ethical Issues in Research.
- d) Descriptive Method.
- e) Survey.
- f) Literature Search.

**Q3)** What is "Research problem"? Discuss the various steps involved in identification and foundation of research problem.

OR

Define "Hypothesis". Describe the steps involved in testing of hypothesis. Enumerate qualities of a good hypothesis.

**Q4)** What is 'Interview'? Explain its types, characteristics, advantages and disadvantages as data collection tool.

OR

Write an essay on 'Experimental Method'.

