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Seat No.

Total No. of Pages : 3

M.Lib. & Inf.Sc.(Semester-I) Examination, 2013
LIBRARY AND INFORMATION SCIENCE (Paper-III)
Research Methods and Statistical Techniques (Paper-I)
Sub. Code : 47753

Day and Date : Monday 06-05-2013

Total Marks :80

Time : 11.00 a.m. to 2.00 p.m.

Instructions : 1) All questions are compulsory.

2) All questions carry equal marks.

Q1) Multiple choice questions. [20]

A) Choose the correct answer.

1. Research is related with---
   a) Discovering new knowledge
   b) Developing existing knowledge
   c) Very knowledge
   d) All the above
2. Pure research is an investigation conducted by--
   a) An individual b) An associate
   c) A group of persons d) Two organization
3. Fundamental Laws are get by-
   a) Perception b) Intuition
   c) Intellect d) Induction
4. What is Interview?
   a) A type of research b) Method of research
   c) A tool for research d) None of the above
5. Hypothesis is a
   a) Current solution to the problem
   b) Tentative solution to the problem
   c) Formulation of research problem un-biasly
   d) Formulate suitable hypothesis.

P.T.O.

6. "Lottery Method" is method of.....
   a) Quota sampling b) Stratified sampling
   c) Random sampling d) Area sampling
7. Measure of Central tendency are.....
   a) Mean b) Mode
   c) Median d) All the above
8. In research study analysis and interpretation of data is used for....
   a) Standing objective of research
   b) Testing research results
   c) Deleming research methodology
   d) Making inferences and drawing conclussions.
9. The law of word frequency contributed by.....
   a) Bradford b) Zipf
   c) Lotka d) Vickery
10. Research design gives .....
   a) Current solution to the problem
   b) Development of theory
   c) Blue-print of research work
   d) Findings and suggestions

B) Answer in one or two sentences:

1. One of the following pair of term is a near synonyms.....
2. The correct sequence in the spiral of scientific method is.....
3. Library and Information science (LISA) is a.....
4. Observation research and emperical research together called.....
5. The questions whose answers are already to be choose is called.....
6. Model value in measures & central Tendency is the value.....
7. The 4th cell design is used in.....
8. The term 'Bibliometrics' was first used by.....
9. The statistical package the data processing in research used is.....
10. The law of word frequency was contributed by.....

Q2) What is research? Describe types of research. [20]

OR

Discuss how the questionnaire should be designed systematically.

Q3) What is research design ? Discuss in detail steps involved in research. **[20]**

OR

Explain the steps in data processing. How data is presented in research?

Q4) Write short notes on any Four of the following : **[20]**

a) Selection of sample.

b) Citation Analysis.

c) Quality of good hypothesis.

d) Literature search.

e) Chi-square test.

f) Ethical issues in research.

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