

R - 399

Total No. of Pages : 4

Seat
No.

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

LIBRARY AND INFORMATION SCIENCE (Paper - III)

Research Methods & Statistical Techniques

Sub. Code : 47764

Total Marks : 80

Day and Date : Thursday, 24 - 11 - 2016

Time : 02.30 p.m. to 05.30 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) What are the maximum number of character for SPSS variable.

i) 255

ii) 256

iii) 64

iv) 155

b) Inferential statistics helps in _____.

i) Formulation of Hypothesis.

ii) Testing Hypothesis.

iii) Setting Hypothesis.

iv) None of the above

c) What is the median of the following series?

3, 9, 5, 7, 9, 13, 11, 8.

i) 8

ii) 8.5

iii) 9

iv) None

P.T.O.

d) The scientometrics is an application of _____.

- i) Qualitative Method
- ii) Quantitative Method
- iii) Both (i) & (ii)
- iv) None

e) The end part of research includes _____.

- i) Table of contents
- ii) List of tables
- iii) Introduction
- iv) Glossary

f) "Score card" is a kind of tool for _____.

- i) Sampling
- ii) Data collection
- iii) Data generation
- iv) Data analysis

g) The formula for Zipf's law is _____.

- i) $C = 1/F$
- ii) $e = 1/F$
- iii) $d = F/1$
- iv) $r = 1/F$

h) Tabulation of data facilitates _____.

- i) Process of comparison
- ii) Summation of items
- iii) Detection of errors and omissions
- iv) All the above

i) _____ of data is the process of examining the collected raw data to detect errors and omissions and to correct these when possible.

- i) Coding
- ii) Classification
- iii) Editing
- iv) Tabulation

j) A table with two variable is called _____ table.

- i) Univariate
- ii) Bivariate
- iii) Multivariate
- iv) Data

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

- a) What is citation analysis?
- b) What is full form of SPSS?
- c) Which symbol is used to write 'Chi-square'?
- d) Define Percentile.
- e) What is Sampling error?
- f) What is target population?
- g) Who coined the term librametry?
- h) In Graph, the value of independent variable scaled on the _____ axis.
- i) What is sampling frame?
- j) In graphical presentation, the vertical line intersecting on _____ axis.

Q2) Write short notes (Any four) :

- a) Data Processing.
- b) Chi-square test.
- c) Pie-chart.
- d) Bibliographic Coupling.
- e) Webometrics.
- f) Lotka's Law.

Q3) Explain the methods of citation for books and journal articles as stated in Chicago and APA style manuals.

OR

Write a detailed note on data presentation techniques.

Q4) Write a detail note on Chi-square Test.

OR

What is Bibliometrics? Explain Bradford's law in detail.



R - 398

Total No. of Pages : 4

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

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

LIBRARY AND INFORMATION SCIENCE (Paper - II)

Information Analysis, Repackaging and Consolidation

Sub. Code : 47763

Day and Date : Wednesday, 23 - 11 - 2016

Total Marks : 80

Time : 02.30 p.m. to 05.30 p.m.

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

Q1) A) Multiple choice questions (Tick Mark ✓ the correct answer) [10]

a) _____ is used to provide future verbal behaviours based on the analysis of known words and concepts.

- i) conceptual analysis
- ii) contextual analysis
- iii) evaluative assertion analysis
- iv) word counting analysis

b) The periodicity of NISSAT News letter is _____.

- i) quarterly
- ii) monthly
- iii) bi-monthly
- iv) yearly

c) VIGYAN is a national server on factual science and technology information developed by _____.

- i) NISSAT
- ii) NASSDOC
- iii) NISCAIR
- iv) ENVIS