

MLISC 2nd Semester Examination, 2014

**RESEARCH METHODOLOGY AND
QUANTITATIVE TECHNIQUES**

PAPER – MLI-206

Full Marks : 40

Time : 2 hours

Answer **all** questions

The figures in the right-hand margin indicate marks

*Candidates are required to give their answers in their
own words as far as practicable*

Illustrate the answers wherever necessary

1. Write short notes on the following : 5 + 5

(i) Characteristics of survey research.

Or

Citation analysis – its applications.

(Turn Over)

(2)

(ii) Derek De Solla price conjecture and bibliometric laws.

Or

Correlation : meaning and purpose.

2. (a) Enumerate main purpose of research. Is it necessary for a librarian to know the process of research ? Justify. What are the major differences between the characteristics of research in natural science and social science ? 5 + 6 + 4

Or

- (b) What is the importance of research report writing ? Discuss the steps involved in writing a research report. 6 + 9
3. (a) Define the scope of scientometrics. Explain with suitable examples Bradford's and Lotka's laws of bibliometrics. 3 + 12

(3)

Or

(b) Data given below show the number of users visited and number of books issued in a library for 10 days. Find out the number of users visited on a days when the number of books issued was 172. 15

No. of users
visited : 100 125 150 175 200 225 250 275 300 325

No. of books
issued : 85 100 120 140 155 180 195 225 245 270