2011

MLISc

2nd Semester Examination

RESEARCH METHODOLOGY AND QUANTITATIVE TECHNIQUES

PAPER—MLI-206

Full Marks : 40

Time : 2 Hours

The figures in the right-hand margin indicate full marks

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

Illustrate the answers wherever necessary.

Answer *all* questions.

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

   (a) Utility of Literature Review.

   Or

   Importance of Research Design.

   (b) Impact factor

   Or

   Half life calculation.

2. (A) What do you mean by 'Research'? Describe in brief the steps involved in a research process.   5+10

   Or

   (B) What are the major methods of collection of primary data and presentation of data?   8+7

3. (A) What are the purposes of measuring correlation and Regression ?

Following are the rank of fifteen applicants for library automation activity :

Sr. No. in the Interview list	Ranking by LIS Expert	Ranking by IT Expert
1	1	2
2	3	3
4	2	1
5	4	5
8	6	4
9	5	6
10	7	8
11	9	7
13	8	9
14	11	10
15	10	12
17	12	11
18	14	13
19	13	14
20	15	15

Find out the rank correlation co-efficient.   5+10

Or

(B) What is Bileliometrics ? Distinguish it from Scientometrics, Informetrics, Cybermetrics and Webometrics. Describe the law to develop a method for identification of the most productive journals in a subject with suitable example.   2+5+8