2021

M.Lib.I.Sc Second Semester Examination

Library Statistics and Informetrics

Course – MLI – 207

Full Marks-40   Time-2 Hours

The right margin figure in the indicate marks

Answer any Two Questions

1. What is Bibliometrics? Discuss the various laws applicable to study author and journal productivity   **5+15**

2. Write Short Notes on *any two of the following:*   **10+10**

   (a) Web of Science

   (b) Journal Impact Factor.

   (c) Bibliographic coupling.

3. What is Operation Research? Write five steps of Monte Carlo Simulation method. Briefly discuss the application of Operation Research method in LIS field with example.   **4+8+8**

4. (a) Write the Classical definition of probability. What are its limitations?   **5+5+10**

   (b) Two dice are thrown at a time. Find the probability of the event that the sum of the numbers appeared is 5.

   (c) Find the two lines of regression from the following data:

X:	25	22	28	26	35	20	22	34	20	18
Y:	18	15	19	17	21	14	16	21	15	14

   Hence, estimate the value of Y when X= 31.