MS LIS III Semester (Final) (2014-16)

Paper-15 : Informetrics and Scientometrics

Time: 3 hours   Marks: 100

Date: 14.11.2015

PART – A.   Answer the following questions in one or two sentences $2 + 5 =$ 10 Marks

1. What is Librametrics?

2. What is Obsolescence?

3. What is Impact Factor of Journal?

4. What is the difference between Citation and Reference?

5. What is the new metrics (measuring tool) to measure "Social Media"?

PART – B Write notes on any Three of the following   30 Marks

$3 \times 10 =$

1.   80/20 Rule
2.   Lotka's Law
3.   Zipf's Law
4.   H-Index

PART –C   Answer the following questions (Any Three). $20 \times 3 =$ 60 Marks

1.   Discuss the development of quantitative methods for Library science from Bibliometrics to Altmetrics .

2.   Describe the history of Citation Analysis, state the reasons for citing and its application in Libraries.

3.   What is scientific Productivity? Explain the type of collaboration and measure of collaboration with examples (DC, CI, and CC).

4.   What is empirical law? State the Bradford's Law of Scattering and draw the figure with equal number of zones containing articles and derive journals subscription policy in the library (1: n: n^2).