Indian Statistical Institute

Documentation Research and Training Centre

M S in Library and Information Science

Semester IV Paper 16- Scientometrics and Informetrics

Answer any four of the following   4 X 1 = 4

1.Which one of the following is the most acceptable statement?

A. Metrics reflect the quality of the journal and serve as objective measure for evaluating research

B. Metrics include qualitative and quantitative studies

C. Metrics focus the performance of a journal and its scientific value

D. Metric is used as a measure to decide research funding

2. Scholarly communication

A. Is Formal and structured

B. Includes popular articles

C. Includes classified reports

D. All the above characterize scholarly communication

3. Open content metric is

A. derived by Third parties

B. derived by the publishers

C. derived by any one

D. visible to everyone who access web

4. In Bibliometric laws constant measure

A. provides a standard value

B. the value varies over discipline and the study environment

C. is same irrespective of disciplines

D. is same in a particular study

5. Information growth is characterized by

A. The growth of disciplines

B. Growth in all forms of communication

C. Growth varies across disciplines

D. Growth is not always measurable

Give brief answers to the following   4 X 3 = 12

1. How citations can reflect the growth of disciplinary information
2. What are the major Altmetric indicators?
3. Explain the relation between obsolescence and information growth
4. List some of the open content sources

Answer any four of the following   4 X 6 = 24

1. Provide some explanations about the Open content sources and information quality
2. Give some description about unequal distribution
3. Explain Internal Research Assessment Systems
4. What are the non-bibliographic indicators and support with brief explanation of them
5. What is information decay? Briefly explain in the nature of information decay.