

MASTER OF LIBRARY & INFORMATION SCIENCE
THIRD SEMESTER
BIBLIOMETRIC STUDIES
MLS-304

Duration: 1.30 Hrs.

Marks: 35

PART : A (OBJECTIVE) = 10
PART : B (DESCRIPTIVE) = 25

[PART-B : Descriptive]

Duration: 1 Hrs. 20 Mins.

Marks: 25

[Answer question no. One (1) & any two (2) from the rest]

1. Write short notes on *any two*: (2 1/2+2 1/2=5)
 - a) Social Science citation index (SSCI).
 - b) SCI.
 - c) Half-life of a document.
2. What is SCIENTOMETRICS? What are the different applications of Scientometrics? Describe the limitation of Scintometrics. (2+3+5=10)
3. What is Zipf Law? Discuss the Importance of Zipf Law in library and information science. (2+8=10)
4. What is impact factor? What is the relation between impact factor and citation analysis? (2+8=10)
5. What is Bibliometrics? Who is the father of Librametry? What are the scope and limitation of Bibliometrics? (2+3+5=10)

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[PART-A : Objective]

Choose the correct answer from the following:

1×10=10

1. Which Bibliometrics Law describes the frequency of publication by authors in a given field?
 - a. Lotka's Law
 - b. Zipf's Law
 - c. Bradford's Law
 - d. None of the above
2. The term 'bibliometrics' was first used by:
 - a. S. R. Ranganathan
 - b. Alan Pritchard
 - c. Allen Kent
 - d. A. C. Foskett
3. Bibliographical coupling is related to:
 - a. Bibliometric studies
 - b. Bibliography compilation
 - c. Modes of subject formation
 - d. Vocabulary control
4. Assertion (A) : Indexing periodical retrieves information, which includes brief summary of the article.
Reason (R) : It provides list of articles along with the title, authors and other bibliographic details.
Codes:
 - a. Both (A) and (R) are true.
 - b. Both (A) and (R) are false.
 - c. (A) is true, but (R) is false.
 - d. (A) is false, but (R) are true.
5. What is Bibliometry?
 - a. Function of Library Network.
 - b. Information Management Service.
 - c. Information Management Tool.
 - d. Library Service.
6. Which of the following would be the correct chronological sequence?
 - a. Bibliometrics
 - b. Librametry
 - c. Librametry
 - d. Bibliometrics
7. Assertion (A) : Use of microfilming is becoming obsolete day by day.
Reason (R) : ICT has developed digital technologies, which are quick, cheap and easy to handle.
 - a. Both (A) and (R) are true but(R) is not a correct explanation.
 - b. Both (A) and (R) are false.
 - c. (A) is true but (R) is false.
 - d. Both (A) and (R) are true and(R) is the correct explanation.
8. 'Half-life' in Information Science relates to:
 - a. Rate of obsolescence
 - b. Rate of growth
 - c. Degree of scatter
 - d. Information explosion
9. Currently "Science Citation Index" is published by.....
 - a. Emerald
 - b. Springer
 - c. Thomson
 - d. Elsevier
10. When a source referred to once in the footnote is referred to again and between them no other reference (i.e. citation) intervenes, then the footnote uses the abbreviation:
 - a. Ibid
 - b. Id
 - c. Op.Cit
 - d. None of the above

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