

MASTER OF ARTS EXAMINATION, 2025
DEPARTMENT OF LIBRARY & INFORMATION SCIENCE
1st Year, 2nd Semester
Subject Code : ML - 11
INFORMETRICS

Time : Two Hours

Full Marks : 50

The figures in the margin indicate full marks.

Answer *all* the questions.

1. A) Categorize different metrics in LIS. Show with a diagram their overlapping areas. Describe the advantages and limitations of Altmetrics. Discuss how altmetric techniques can be utilized in a library. 4+3+8+5

Or

- B) Illustrate with examples the Bradford's law of scattering mentioning the ambiguity in two formulations. Cite also the interpretations made by Vickery, Brookes, Leimkuhler and Wilkinson on this law. 12+8

2. A) What are meant by bibliometric indicators? How can they be categorized? Illustrate with examples h- and g- index stating their merits and demerits. 2+4+14

Or

- B) Describe briefly the major characteristics of bibliometric distributions. Cite a single equation by which the Bradford's, Zipf's and Lotka's law can be briefly stated. Illustrate with examples the Zipf's law of word occurrence. 3+3+14

3. Write short notes on **any two** of the following: 5×2

- a) JCR
- b) Co-word analysis: meaning and its steps
- c) Half-life
- d) The logistic growth
