

B. What is meant by Co-Word Analysis? What are inclusion index and proximity index? Describe the steps for Co-Word Analysis. 4+8+8

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

- a) Co-citation vs Bibliographic coupling
- b) Webometrics: meaning and its scope
- c) Impact factor
- d) h-index vs g-index

**MASTER OF LIBRARY AND INFORMATION SCIENCE  
EXAMINATION, 2024**

(1st Year, 2nd Semester)

**INFORMETRICS**

**PAPER – ML-11**

Time : Two hours

Full Marks : 50

The figures in the margin indicate full marks.

Answer *all* questions.

1. A. What is meant by Altmetrics? Discuss how it differs from traditional metrics. How does altmetrics collect data and calculate the attention score? Discuss about the altmetric tools. 3+4+3+10

**OR**

- B. State the Bradford's law (both verbal and graphical formulations) and Zipf's law of Scattering. Illustrate with examples Lotka's law of Scientific Productivity. 8+4+8
2. A. What do you understand by Growth and Obsolescence of literature? Describe the different types of growth. How do you correlate half-life, doubling period and annual ageing factor? 4+10+6

**OR**