

- 2A a) Show your acquaintance with the following concepts: 3×2
- Web Impact Factor (WIF)
  - Citation chasing
- b) What is Lotka's law in relation to bibliometrics? Illustrate it with the help of suitable example. 2+6
- c) Critically explain Zipf's 2<sup>nd</sup> Law of bibliometrics. 6

OR

- 2B a) Write short notes on the following concepts: 5×2
- Garfield's Law of Concentration
  - Key indicators of scientific productivity of an institution.
- b) Hg-index is a normalized state of both h and g indices – Explain with example. 6
- c) Enumerate the disadvantages of JIF. 4
3. Write critical notes on *any two* of the following : 5×2
- WoS database
  - Researcher Profiling Tool
  - Altmetrics
  - Obsolescence of literature

**MASTER OF LIBRARY AND INFORMATION SCIENCE**  
**(DIGITAL LIBRARY) EXAMINATION, 2023**

(1st Year, 2nd Semester)

**Informetrics****Course : MLDL-06**

Time : Two Hours

Full Marks : 50

*The figures in the margin indicate marks.*Answer *all* the questions.

- 1A a) Differentiate the following concepts: 5×2
- Citing and cited half-life period
  - Co-citation and bibliographic coupling
- b) What is self-citation? State the situations where self-citations are necessary. 2+3
- c) Discuss three analyser tools of ICI database. 5

OR

- 1B a) What do you know about the following concepts?
- Tapered h-index 5×2
  - Price's square root law
- b) Briefly describe the scope of bibliometrics. 4
- c) Do you think h-index is an ideal indicator for measuring impact of scholarly publications? – Give reasons for your answer. 6