

**Indian Statistical Institute**  
**Documentation Research and Training Centre**  
**8<sup>th</sup> Mile, Mysore Road, Bangalore 560059**  
**MSLIS III semester (2019-21) (Final)**  
**Paper-15: Informetrics and Scientometrics**

**Date: 18-12-2020**

**Time: 3 hours**

**Marks: 60**

**PART – A. Answer the following questions in one or two sentences 5x2=10**

1. What is bibliographic coupling?
2. What is co-citation?
3. Define cybermetrics.
4. What is scientometric portrait?
5. Name and briefly describe any two data sources for scientometric studies.

**Part- B. Explain briefly the following (Any four) 4x5=20**

1. Bradford's Law
2. Lotka's Law
3. Data Citation
4. 80/20 rule
5. Quantitative analysis vs Qualitative analysis

**Part- C. Answer the following questions (Any three) 3x10=30**

1. What is Scientific Productivity? Explain the types of collaboration and measure of collaboration with examples (DC, CI, and CC).
2. Discuss the indicators to measure the impact of journals.
3. Discuss in detail 'Citation Analysis'.
4. What is altmetrics? Discuss the features and the scoring system of altmetric.com.