

Indian Statistical Institute  
**Documentation Research and Training Centre**  
8<sup>th</sup> Mile Mysore Road, Bangalore 560059  
M.S. in Library and Information Science(2016-18)

**Mid-Semester exam for Semester-III (September-2017)**

**Paper-15: Informatics and Scientometrics**

**Date: 13.09.2017**

**Time: 11.30 AM to 1 PM**

I. Answer the following in **one or two** sentences

**5 x 1 = 5**

1. What is bibliographic coupling?
2. What is co-citation ?
3. What is 'Impact Factor' of a Journal?
4. Give two reasons for citation.
5. What is self-citation?

II. Write short note on **any three** of the following:

**3 x 5 = 15**

1. Pareto's 80/20 principle
2. Zif's law
3. Lotka's law
4. H-Index

III. Answer **any two** of following questions

**2 x 10 =20**

1. What is collaboration? Explain the measures of the collaboration.
2. Describe the “Bradford's Law of scattering” and it's application in the subscription of periodicals in the Library.
3. Discuss the development from Librametrics to Altmetrics.

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