

Indian Statistical Institute
Documentation Research and Training Centre
M.S. in Library and Information Science(2018-20)
Mid-Semester exam for Semester-III
Paper-15: Informatics and Scientometrics

Date: 12.09.2019

Time: 11.30 AM to 1 PM

Section-A

Multiple choice questions

5 x 1 = 5

1. Who has given the term **Bibliometrics**
 - (a) Hulme
 - (b) S.R. Ranganathan
 - (c) Pritchard
 - (d) T. Braun
2. Which method of evaluation is not the part of **quantitative analysis**
 - (a) No. of Scientific publication
 - (b) No. of patent filled
 - (c) No. of technology transfer
 - (d) Citation Analysis
3. **Scientometrics** study deals with
4. **Webometrics** deals with
5. Who suggested the term "**Bibliographic Coupling**"

Section-B

Write in one or two words (Any five)

5 x 2 =10

1. What is citation?
2. Define alt-metrics.
3. What is immediacy index?
4. What is self-citation?
5. Enlist the factors (atleast four) which can affect the productivity of research.
6. Define Co-citation.

Section-C

Write short notes on the following topics (Any three)

3 x 5 =15

1. H-index
2. Impact Factor (IF)
3. Discuss the Applications of Citation Analysis (atleast five)
4. Significance of citation

Section-D

Discuss in details (Any one)

1 x 10 =10

1. What is Collaboration? Discuss different types and measures of collaboration with examples.
2. Trace the history from Librametrics to Alt-metrics.