

Indian Statistical Institute

**Documentation Research and Training Centre
M.S. (Library and Information Science)
3rd Semester, Mid-term Examination (2023-2025)**

Paper 13: Data Management

Time: 11:30 AM - 1:00 PM

Max. Marks: 40

Date: 11-09-2024

Attempt any four questions

1. What is Open Science and how does it contribute to the transparency and reproducibility of research? [10]
2. Define ETL. Discuss its advantage over ELT. [10]
3. What are the defining characteristics of Big Data and how do they impact data management practices? Identify and discuss key challenges and opportunities associated with Big Data. [5+5]
4. Compare and contrast structured, unstructured, and semi-structured data. Provide examples of each type. [10]
5. Write a short note (answer any two):
 - a. Data curation.
 - b. Sherpa Romeo.
 - c. Data Management Plan. [5+5]