

**Indian Statistical Institute
Documentation Research and Training Centre**

**M.S. in Library and Information Science
3rd Semester, Final Exam (AY 2024-25)**

Paper – (13): (Data Management)

Date: 11.11.2024

Max. Marks: 100

Time: 10.00 AM. – 1.00 PM.

Answer any **five** questions.

1. (a) Describe Plan-S. (10)
(b) Describe UNESCO defined any two pillars of Open Science. (10)
2. Describe the FAIR principles. (20)
3. Describe the Digital Curation Lifecycle Model defined by the Digital Curation Centre (DCC). (20)
4. Discuss the key criteria for evaluating the effectiveness of data repositories. (20)
5. (a) Discuss the primary functionalities of ETL tools like OpenRefine. (10)
(b) How do data repository software platforms, like CKAN, support data management and sharing? (10)
6. Write short notes (any **four**): (4×5=20)
 - i. Linked Data
 - ii. ROAR
 - iii. DCAT
 - iv. Research data management
 - v. Open data

23 Dec