

Indian Statistical Institute
Documentation Research and Training Centre

M.S. in Library and Information Science
1st Semester, Mid-Term Exam (AY 2024-25)

Paper – 05 : Foundations of Information and Communications Technology (ICT)

Date: 13th September, 2024

Max. Marks: 40

Time: 1 hr 30 minutes

Answer any **8** questions. All questions carry **equal marks**

1. Explain ASCII and UNICODE
2. Enumerate Measures of Volume and Time.
3. Explain Synonyms, antonyms, hyponyms and hypernyms with examples
4. What is the difference between assembly languages and high level languages? Provide some examples of both.
5. Explain Linux directory structure and each directory under the root directory
6. What is the difference between editors and word processors? What are the various kinds of editors ?
7. What is the meaning of the first 10 characters in the output of the command 'ls -l' ?
8. Absolute path and relative path
9. Explain at least 5 important basic commands in Linux
10. Provide short answers on any **three** for the following
 - 10.1. What is the maximum length of a file name in Linux? 256
 - 10.2. Difference between text and binary files.
 - 10.3. DNS server.
 - 10.4. Short notes on PDF