

MLI 1st Semester Examination, 2024

**MASTER OF LIBRARY AND
INFORMATION SCIENCE**

*(Information and Communication Technology
for LIS (Th)-I)*

PAPER – MLI-107

Full Marks : 50

Time : 2 hours

The figures in the right hand margin indicate marks

*Candidates are required to give their answers in their
own words as far as practicable*

GROUP – A

Write short notes on any four of the following :

5 × 4

- 1. Integer and float conversion in C.**
- 2. Data types in C.**

(Turn Over)

3. PERL
4. Kernel in Unix
5. Direct Access file system
6. Logical Operators in C.

GROUP – B

Answer any **two** of the following : 10×2

7. What are the key features of Unix ? Differentiate Unix with Linux. $4 + 6$
8. State various 'functions' in C language. Illustrate various types of decision control structures in C. $3 + 7$
9. Describe the concept of E-R model of database with appropriate diagram. Illustrate different types of E-R with examples. $4 + 6$

(3)

10. Briefly narrate different types of IP address.

Illustrate classful IP addresses with examples.

6 + 4

[Internal Assessment — 10 Marks]
