REV-01
MLS/01/05

2025/12

**SET A**

# MASTER OF LIBRARY & INFORMATION SCIENCE
## FIRST SEMESTER [REPEAT]
## FOUNDATION OF COMPUTER & INFORMATION TECHNOLOGY
## MLS – 104
## [USE OMR SHEET FOR OBJECTIVE PART]

**Duration: 1.30 hrs.** **Full Marks: 35**

## Objective

**Time: 15 mins.** **Marks: 10**

***Choose the correct answer from the following:*** ***1×10=10***

1. Integrated circuit was used in which generation of computer?
   a. 1st Generation
   b. 2nd Generation
   c. 3rd Generation
   d. 4th Generation

2. Punched card was introduced by:
   a. International Business Machine Corporation
   b. Semen Nikolaevich Korsakov
   c. Shugart Associates
   d. Sony

3. 1 kilobyte is equal to:
   a. 1048 bytes
   b. 1024 bytes
   c. 1000 bytes
   d. 1014 bytes

4. Binary system of numbers for computers uses only:
   a. Two digits
   b. Six digits
   c. Four digits
   d. Eight digits

5. Transistor was used in:
   a. 1st Generation
   b. 2nd Generation
   c. 3rd Generation
   d. 4th Generation

6. The important algorithmic language was:
   a. FORTRAN
   b. C
   c. LISP
   d. ALGOL

7. Which of the following protocols is used for exchanging information on the protocol?
   a. SMTP
   b. FTP
   c. TCP/IP
   d. HTTP

8. Which one of the following translates a low level programming language into Machine Code?
   a. Virus
   b. Interpreters
   c. Assembler
   d. Compiler

9. Who invented the World Wide Web (WWW)?
   a. Vint Cerf
   b. Charles Babbage
   c. Steve-Jobs
   d. Tim Berners Lee

10. Which topology is an interconnection of all nodes in the network?
   a. Mesh
   b. Star
   c. Bus
   d. Ring

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# Descriptive

**Time : 1 Hr. 15 Mins.** **Marks : 25**

[ Answer question no.1 & any two (2) from the rest ]

1. Discuss the generation of computer in details. 5

2. Define computer hardware and software. Discuss the essential components of computer. 10

3. Explain all the generations of programming language. 10

4. Define DBMS? Discuss the application of DBMS. 10

5. Define Internet and WWW. Discuss the protocols of internet. 10

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