

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 07

B.Sc.(CS) (Sem.-1)
FUNDAMENTALS OF INFORMATION TECHNOLOGY

Subject Code : BCS-105

M.Code : 70882

Date of Examination : 21-01-23

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTION TO CANDIDATES :

1. **SECTION-A is COMPULSORY** consisting of **TEN** questions carrying **TWO** marks each.
2. **SECTION-B** contains **SIX** questions carrying **TEN** marks each and a student has to attempt any **FOUR** questions.

SECTION-A

1. Answer briefly :

- a. Differentiate between LCD and CRT.
- b. How does hard disk organize stored data?
- c. What is importance of Graphical User Interface?
- d. How can you check grammar of a document in MS-Word?
- e. What are the applications of MS-Excel?
- f. What is the difference in slide transition and object animation in MS-PowerPoint?
- g. What are the different types of Networks? List their names.
- h. Define TELNET.
- i. How can you differentiate between virus and worm?
- j. List various data types in MS-Excel.

SECTION-B

2. What are the different topologies of Computer Networks? Explain with suitable diagrams.
3. How can you use MS-Excel to represent the data graphically? What are the different tools for it? Discuss **any five** in-built functions of MS-Excel.
4. What is role of various number systems in computer? Discuss conversion from Binary to Hexadecimal number system with an example.
5. What are the various input devices for a digital computer? Discuss working of Joy Stick and OCR with suitable diagram.
6. What are the various types of operating systems? Explain their features.
7. **Write briefly about:**
 - a. Proxy Server
 - b. Benefits of Intranet
 - c. FTP
 - d. WAIS.

NOTE : Disclosure of Identity by writing Mobile No. or Making of passing request on any page of Answer Sheet will lead to UMC against the Student.