

Roll No.

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Total No. of Pages : 02

Total No. of Questions : 07

B.Sc.(CS) (2013 & Onwards) (Sem.-1)
FUNDAMENTALS OF INFORMATION TECHNOLOGY
Subject Code : BCS-105
M.Code : 70882

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) What are the characteristics of computer?
- b) Define cache memory.
- c) Solve : $(1011)_2 + (0111)_2$.
- d) What are non-impact printers?
- e) What is assembly language?
- f) What are the functions of distributed operating system?
- g) Write the significance of control panel.
- h) Define macros.
- i) List various uses of the spreadsheets.
- j) Differentiate intranet and extranet.

SECTION-B

2. Define computer. Classify the computers on the basis of capacity and purpose.
3. Explain various input and output devices used in computer system.
4. Differentiate the following :
 - a) System Software and Application Software
 - b) Compiler and Interpreter
5. Write short notes on :
 - a) Real time Operating Systems
 - b) Formatting Features of Word Processor
6. Define network topology. What are its different types? Explain relative merits and demerits of each network topology.
7. Write notes on :
 - a) FTP
 - b) Applications of Internet

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.