

Roll No.

Total No. of Pages : 02

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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) How many bits are there in 4GB?
- b) Convert $(A8F)_{16}$ into its equivalent Binary number.
- c) What is ROM and RAM?
- d) What is the role of OCR?
- e) Name any two open source Software.
- f) List any two real time operating systems.
- g) What is meant by topology?
- h) Discuss briefly the use of freeze pane in MS Excel.
- i) How internet is configured?
- j) Define the role of firewall.

SECTION-B

2.
 - a) Discuss any five features of computers.
 - b) Elaborate the working of Mouse.
3. Differentiate the following :
 - a) Floppy Disk vs. Compact Disk
 - b) Laser Printer vs. Inkjet Printer
4.
 - a) What is meant by high-level language? Compare it with the assembly language.
 - b) What is network operating system? Does Linux provide the capabilities of a Distributed Operating System?
5.
 - a) Illustrate the working of mail merge in detail.
 - b) Discuss the following operations on a spreadsheet:
Cell reference, replication, sorting, filtering
6. Explain the following concepts :
 - a) Views for a Presentation
 - b) Network Topologies
7. Discuss the working of the following :
 - a) TELNET
 - b) Viruses

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.