

Paper Code & Roll No. to be filled in your Answer Book

Roll No.

Odd Semester Examination-2016

**BCA (Semester-I)**

**FUNDAMENTAL OF COMPUTERS**

[Time : 3 Hours]

[Maximum Marks :70]

**Note :** Attempt **any five** questions. All questions carry **equal** marks.

1. (a) What is a computer? Define its parts/components with a diagram.  
(b) Define Algorithm. Write its characteristics and give an example.
2. (a) What is operating system? Explain the different services of the operating system.  
(b) What is DOS? Explain with examples various types of internal and external commands.
3. (a) Define Internet. Explain different services of Internet.

- (b) What are the different symbols used in a Flowchart?  
Draw a flowchart for a program to find out the factorial of a given number.
4. (a) What is a software? Differentiate between System software and Application software.
- (b) Describe working of CRT with a neat diagram.
5. (a) Write short note on **any three**:
- (i) MICR
  - (ii) RAM
  - (iii) ROM
  - (iv) Plotter
- (b) What is MS-Word? Write down the steps of mail-merge to send one type of letter to number of peoples.
6. (a) Write short note on **any three**:
- (i) Web Browser
  - (ii) Cache memory

(iii) MICR

(iv) Touch screen

(b) What is MS-Excel? Write down the steps to create macro to record information.

7. Write short note on **any three** :

(i) TCP/IP

(ii) Compiler vs. Interpreter

(iii) Storage Devices

(iv) Testing vs. Debugging

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