

**CBCA/D-20**

**108**

**COMPUTER FUNDAMENTALS-I**

**Paper-CCBCA1A-BCA-101**

Time : Three Hours]

[Maximum Marks : 60

**Note :** Attempt *five* questions in all, selecting *one* question from each unit. Question No. 1 is compulsory. All questions carry equal marks.

**Compulsory Question**

1. (a) Classify 3rd generation computer on the basis of size, speed and memory.
- (b) What are utility softwares ? Give *two* examples.
- (c) Why RAM (random access memory) is named so ?
- (d) Write a note Touch Screens.
- (e) What are components of windows Desktop ?
- (f) Comment on Windows HELP FACILITY. (2×6=12)

**UNIT-I**

2. What are the components of a digital computer ? Explain working with the help of a block diagram. 12

**3.** Define each term with example :

- (a) Hardware.
- (b) Software.
- (c) Firmware.
- (d) Freeware.

(3×4=12)

## **UNIT-II**

**4.** Describe storage capacity, access time and data organization in a hard disk with block diagram. 12

**5.** (a) Why Optical storage devices are more popular now-a-day ?

(b) Why a DVD has more capacity than a CD ? 6,6

## **UNIT-III**

**6.** (a) Keyboard is a very popular input device. Why ?

(b) Describe key types and working of a key board. 4,8

**7.** Differentiate between :

(a) Hard Copy Output and Soft Copy Output.

(b) LCD Monitor and LED Monitor. 6,6

## **UNIT-IV**

**8.** Write short notes on following Windows Components :

(a) My Computer.

(b) Recycle Bin.

(c) Control Panel. (3×4=12)

9. (a) What is the Booting process of a computer system ?  
Explain Cold booting and Warm booting. 6
- (b) In Windows operating system, how will you :
- (i) Add a printer ?
  - (ii) To create a file and a folder ?
  - (iii) To set a screen saver ? 6
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