4008-01

Total Pages : 4

Degree (Part-I) Examination, 2022

(Vocational)

BCA

[Paper : First]

[PPU-D-I(H)-BCA-1]

Time : Three Hours]   [Maximum Marks : 75

Note : Candidates are required to give their answers in their own words as far as practicable. Answer **any five** questions in all. Question **N0. 1** is **compulsory**.

1.   Write short notes on the following terms :

   (a)   Impact printer

   (b)   RAM

   (c)   HDD

   (d)   Magnetic Disk

   (e)   Magnetic Tape

2. (a) Discuss the characteristics of computer.

(b) Difference between computer and human brain.

3. (a) What do you mean by generation of computer ? Discuss all in briefly.

(b) Write block diagram of computer with labelled components.

4. (a) What are the functions of output devices ?

(b) Write the difference between RAM and ROM.

5. (a) Write difference between digital and analog computer.

(b) Write difference between Machine language and High Level language.

6. (a) Discuss types of computer.

(b) What is mainframe computer ? Write some characteristics.

7. (a) Write rules to convert Decimal number system to Binary Number and vice-versa.

   (b) Convert $(E95F5)_{16}$ to decimal Number System.

8. (a) Write characteristic of good program.

   (b) What is ASCII and EBCDIC ? Discuss in briefly.

9. (a) Write difference between Uniprocessor and Multiprocessor.

   (b) Discuss Super Computer and their characteristics.

10. (a) Discuss the purposed Charles Babbage's Model of computer.

    (b) Add the following Binary Number :

    (i) 111011, 001101

    (ii) 010111, 101101

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