Q

Printed Pages : 4

Paper Code : 102004

BCA (Ist Year) (Semester-I)
Examination, 2022-23

FUNDAMENTAL OF INFORMATION TECHNOLOGY

[Paper : Fourth (BCA-104)]

Time : 3 Hours]   [Maximum Marks : 70

Note : Attempt questions from **all** sections as per instructions.

Section-A

(Very Short Answer Type Questions)

Note : Attempt **all** questions of this section. Give answer of each question in about **50** words.   [10×2=20]

1. (i)   Define Computer.

    (ii)   What is Multiprogramming?

    (iii) What is Assembler?

    (iv)   What is Intranet?

    (v)   What is Machine Level language?

    (vi)   Differentiate between data and information.

    (vii) List two devices which can be used as an input as well as output device.

    (viii) What is understand by Batch operating system?

    (ix)   Define mainframe and supercomputer.

    (x)   Differentiate between compiler and interpreter.

Section-B

(Short Answer Type Questions)

Note : Attempt **any five** questions of this Section. Give answer of each question in about **200** words.   [5×6=30]

2. Explain various generations of computer.

3. Explain the application of computer.

4. What do you understand by software? Explain types of software.

5. Explain different types of Network.

6. What is Flowchart ? Explain the different symbols used in drawing a flowchart.

7. Explain different parts of a computer with a block diagram.

8. What is the difference between hardware and software?

9. Explain the limitation and capabilities of a computer.

Section-C

(Long Answer Type Questions)

Note : Answer **any two** questions of this Section. Give answer of each question in about **500** words.   [10×2=20]

10. Define Network Topology and list out various Networking Topologies.

11. Classify computers based on their functions and size. Explain.

12. What do you mean by Internet, Intranet and Extranet?

13. Write short notes on any two of the following :

    (a) Operating System

    (b) Hardware

    (c) File and Directories

    (d) Components of OS

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