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44 (1) BCA-HC-1026

2023

**COMPUTER FUNDAMENTALS AND
ICT HARDWARE**

Paper : BCA-HC-1026

Full Marks : 60

Time : Three hours

**The figures in the margin indicate
full marks for the questions.**

Answer **any twelve** questions from the following:
5×12=60

1. Briefly explain the different types of computer with respect to size.
2. (a) Convert the binary number 101011010.001 to decimal number.
(b) Convert the octal number 153 to binary number.
3. Distinguish between compiler and interpreter.

Contd.

4. Explain the FAT and NTFS.
5. Briefly explain the disk cleanup and defragmentation.
6. Draw the flowchart to find the greatest of three numbers.
7. Briefly explain the different types of RAM.
8. Briefly explain the different types of motherboard.
9. Write short notes on CD-R and CD-RW.
10. Briefly explain the different types of network cables.
11. Explain the different types of IP address.
12. Write the procedure of writing-cleaning CD and DVD.
13. How to install additional HDD ?
14. Briefly explain the switches and RJ 45 connectors.