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NBCA/D-24

FOUNDATIONS OF COMPUTER SCIENCE

Paper-B23-CAP-102

(CC-B1)

(BCA)

Time : Three Hours]

[Maximum Marks : 50

Note : Attempt *Five* questions in all, selecting at least *one* question from each Unit. Question Number 1 is Compulsory. All questions carry equal marks.

Compulsory Question

1. (a) How is Freeware different from Free Software?
(b) What are device drivers?
(c) Compare LAN, MAN and WAN.
(d) What is Anti-Virus? Name any three Anti-Viruses.
(e) What is Rootkit? What are symptoms of Rootkit?
(5×2=10)

UNIT-I

2. Discuss various Computer Generations along with their main features. (10)
3. What is the role of memory hierarchy in computer? Explain Internal & External Memories. (10)

UNIT-II

4. What is the role of Input and Output devices in Computer System? Explain different Output Devices. (10)
5. Write Short Notes on following : (10)
- (a) Recycle Bin.
 - (b) Control Panel.
 - (c) My Computer.
 - (d) Start Button.

UNIT-III

6. What is Internet? Discuss its working and uses. (10)
7. (a) What is Web Browser? Why we use them? Name any Five Web Browsers. (5)
- (b) Discuss the working and functions of Web Browsers. (5)

UNIT-IV

8. (a) What is a Physical Computer System Threats? How are these different from Non-Physical threats? (5)
- (b) What is Keylogger? How it works? (5)
9. Why we use Firewall? Discuss its features and types. (10)
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