

Roll No.

Total Pages : 3

3502

NBCA/D-23

FOUNDATIONS OF COMPUTER SCIENCE

Paper-B23/CAP/CTS/CDS-102

(CC-B1/DS-B1)

(CTIS)

Time : Three Hours]

[Maximum Marks : 50

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

Compulsory Question

1. (a) What is a shortcut? How it is created?
(b) Write limitations of using Computers.
(c) What are Cookies? How cookies work?
(d) What are basic parts of email address?
(e) How can you change the mouse settings?

(5×2=10)

UNIT-I

2. Draw a block diagram to illustrate basic organization of a Computer System and explain the functions of various units.

(10)

3. (a) What is a Primary Memory? Write note on RAM, ROM, PROM and EPROM. (5)
- (b) List advantages and Limitations of Optical Disk as secondary storage device. (5)

UNIT-II

4. (a) What is the purpose of I/O ports of Desk Top Computer? Discuss Serial, Parallel, USB and PS-2 ports. (5)
- (b) Discuss various pointing devices. (5)
5. Write short notes on following : (10)
- (a) Recycle Bin.
- (b) Status Buttons.
- (c) My Document.
- (d) Desktop.

UNIT-III

6. (a) What is Computer Network? Why we need it? (5)
- (b) Explain working of Internet. (5)
7. (a) What do you mean by Search Engine? Explain steps of net surfing using search engines. (5)
- (b) Write steps to create e-mail. (5)

UNIT-IV

8. (a) What is Computer System Threat? Explain with Examples Physical and Non-Physical threats. (5)
- (b) What is hacking? How it is different from Cracking? (5)
9. What do you mean by Computer Security? Discuss its objectives/goals. (10)
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