

Computer Science

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x20=40)

1. What is a flow chart. What are the different symbols used to draw a flow chart. Draw a flowchart to find the smallest number in a given list of 'n' numbers
2. What are the applications of health information technology. Explain in detail its advantages and challenges.

Short notes:

(8x5=40)

3. Mainframe and super computers.
4. Explain internet telephony with an example of internet telephony application.
5. Significance of cyber laws and list out a few examples of violation of cyber laws in today's cyber world.
6. Difference between system software and application software with suitable example.
7. Use of static and global variables in C.
8. IPR and its implications in present scenario.
9. Conditional control structures used in C.
10. Internal and external storage devices.

Answer briefly:

(10x2=20)

11. Time sharing OS
12. Use of excel and calc.
13. List four web browsers
14. Why do we convert high level language to a low level language
15. Telemedicine
16. Use of firewall.
17. Multiprocessor system
18. List two advantages of wireless networks.
19. E-commerce
20. Define ternary operators and give example.
