

First Year B.Sc (MRT) Degree Supplementary Examinations –

November 2015

Computer Science

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x20=40)

1. How do you represent a computer algorithm using a flowchart
2. How C programs are prepared and run on a computer. What happens if there are errors.

Short notes:

(8x5=40)

3. What are the features of a real time OS
4. Mention any 3 commands that work on files in MSDOS
5. How a distributed operating system different from normal operating system
6. Increment operators in C
7. The difference between an intranet and an extranet
8. The alternatives available to the # include directive in C
9. IT act 2000
10. Data stored in health information systems

Answer briefly:

(10x2=20)

11. Power supply for a PC
12. Input-output computation representation in flowchart
13. What is open office
14. Static variables in C programs
15. Proxy server
16. Ternary operator in C
17. Multi dimensional arrays in C
18. Online learning
19. Computer virus and malware
20. E-prescribing
