

First Year B.Sc (MRT) Degree Regular/Supplementary

Examinations –March 2016.

Computer Science

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x20=40)

1. What are high level languages. How are they different from low level and assembly languages.
2. What are batch processing, multiprogramming and multi processing. Mention suitable examples

Short notes:

(8x5=40)

3. What are hybrid computers
4. Fourth generation computers
5. Features of RDBMS
6. Patient portals
7. Looping statements in C
8. LAN,WAN, MAN
9. Real time systems
10. Pass by value and pass by reference

Answer briefly:

(10x2=20)

11. Computer virus
12. Firewall
13. E-commerce
14. Hospital information system
15. Main frame systems
16. Mention four DOS commands
17. Bit wise operation in C
18. Online learning
19. E-prescribing
20. Tele-medicine
