

First Year B.Sc (MRT) Degree Supplementary Examinations March 2019

Computer Science

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x20=40)

1. Explain with the help of an example difference between structure and union and Enum data type in C programming language. What are the different symbols used to draw a flow chart. Draw a flowchart to find the prime number in a given list of 'n' numbers. (10+10)
2. Describe any five applications of health information technology. Add notes on dynamic memory allocation schemes in C language with example. (10+10)

Short notes:

(8x5=40)

3. Explain internet telephony with an example of internet telephony application.
4. Significance of cyber laws and list out a few examples of violation of cyber laws in today's cyber world.
5. Difference between system software and application software with suitable example.
6. List five control structures used in C with example for each.
7. Compare and contrast structures and union in C programming.
8. List five storage mechanisms with example for each.
9. Machine, assembly and high level languages
10. E-health and telemedicine.

Answer briefly:

(10x2=20)

11. Micro and mini computers.
12. Use of network interface card.
13. Use of power point and impress.
14. Distributed operating system.
15. Ternary operator in C.
16. Search engines with example
17. 'Extern' storage class in C.
18. Unique address in world wide web
19. E-publishing
20. Primary and secondary memory.
