

Two Marks Question

1. Define Computer.
2. Define Operating System.
3. Define Data and Information.
4. Why computers use the binary number system?
5. Define BCD.
6. What is Control Unit?
7. What are the two main components of CPU of a computer system?
8. Define E-OR gate.
9. Define OR gate.
10. Define AND gate.
11. Define NOT gate.
12. Define ASCII code.
13. Define Unicode.
14. Define Software.
15. Define Utility Software.
16. Define Compiler.
17. Define Interpreter.
18. Define Algorithm.
19. Define Flowchart.
20. Define Pseudo code.

Five Marks Question

1. Convert to Decimal.
a. $745_{(8)}$ b. 1101010 c. $A5C_{(16)}$ d. $213_{(4)}$
2. Discuss the characteristics of Computer.
3. Explain types of computer.
4. Explain the various parts of CPU.
5. Explain the basic computer organization.
6. Convert $(245)_{10}$ into Binary, Octal and Hexadecimal.
7. Explain the Basic Computer Organization in detail.
8. Write a note on first generation computers.

9. Explain Logical Gates Briefly.
10. Explain Compiler and Interpreter.
11. Explain Gray code and BCA.
12. Explain Software concept.
13. Differentiate between assembly language and Machine level language.
14. Explain types of programming language.
15. Briefly explain about flowchart.
16. Briefly explain about Algorithms.