CHAPTER 1
FUNDAMENTALS OF COMPUTERS

One mark questions:

1. What is a computer? (K)
2. What are the advantages of learning computers? (A)
3. Which is the earliest computing machine? (K)
4. Who invented the Pascaline? (K)
5. What are the advantages of the machine by Leibnitz over Pascaline? (U)
6. What is Charles baggage known as? (K)
7. What is the machine proposed by Babbage, to perform differential equations called as? (U)
8. Who is the father of computers? (K)
9. What concept of computing did Herman Hollerith used to find a faster way to compute U.S. census. (U)
10. Who developed the first all-electronic computer? (K)
11. What us the electronic relay computer Mark-I also called as? (U)
12. Expand the term ENIAC? (K)
13. Expand the term EDVAC. (K)
15. Expand the term UNIVAC. (K)
16. Which is the basic electronic component of the first generation computers? (U)
17. Which is the basic electronic component of the second generation computers? (U)
18. What does IC stand for? (K)
19. How internet is used? (A)
20. How computer helps in publishing? (U)
21. Name any one Super Computer made in India. (K)
22. Who invented first "Read only Memory"? (U)
23. What was Napier's Bones used for? (U)
24. Who is the First Programmer? (U)
25. Who invented Slide Rule? (U)
26. Expand CPU. (K)
27. Name a non- volatile memory. (A)
28. What is slide rule? (U)
29. Which is the basic electronic component of the third generation computers? (U)
30. Which is the basic electronic component of the fourth generation computers? (U)
31 Expand VLSI. (U)

Two Marks Questions:

1. What are the fields where computers are used today? (A)
2. Write a note on Abacus? (U)
3. Write a note on Pascaline? (U)
4. Explain the important features of difference engine. (U)
5. Explain Charles Babbage's role in the history of modern computers? (U)
6. Mention any two features of ENIAC? (U)
7. Mention any two features of EDVAC? (U)
8. What are the importance features of the III generation computers? (U)

9. Explain the role of computers in education? (U)

10. Why are computers used in the industry? (U)

11. How are computers important in communication? (U)

12. Mention any two uses of Super Computers? (U)

13. Write two significant inventions by Charles Babbage. (K)

14. Explain Analog Computers. (U)

15. Explain Digital Computers. (U)

16. Explain Hybrid Computers. (U)

17. Write the type of computers based on usage or purpose. (K)

18. Differentiate mainframe and super computer. (K)

19. Give two examples for Input devices. (A)

20. Give two examples for output devices. (A)

21. What is CAM? (K)

Three marks questions:

1. Explain the history of computers. (U)
2. Give the features of first generation computers. (U)
3. Write the features of Second generation computers. (U)
4. State the features of third generation computers. (U)
5. Give the features of fourth generation computers. (U)
6. Explain the importance and usage of computers in education and industry. (K)
7. Discuss the characteristics of a computer in detail. (U)
8. Draw a neat block diagram of the functional units of a computer and label it. (A)
9. Explain the role of computers in science and engineering. (K)
10. Explain the latest implementation of computers. (A)
11. How does the computer help mankind? (A)
12. What is the concept of e-governance? (U)
13. Explain the use of computer in email? (K)

Five marks questions:

1. Briefly explain the history of computers. (U)
2. Give the features of the Generations of computers. (U)
3. Discuss the characteristics of a computer in detail. (U)
4. Explain the functional units of a computer with a neat block diagram? (A)
5. What are the latest developments in the field of computers, list the areas and explain. (K)
6. Explain the application of Computers. (K)
7. Compare the features of micro and mini computers? (U)
8. Compare mainframe and supercomputers(U)
9. Explain Classification of Digital Computers. (K)