Short Type Questions

Chapter -1
1. What do you mean by computer? Why we use it?
2. What are the advantages & disadvantages of computer?
3. What is hardware?
4. Name the hardware part of computer.
5. Differentiate between hardware & software.
6. What is abacus?
7. What is Napier's bones?
8. Who designed a fully programmable computer?
9. Write down about 1st generation computers.
10. Write down about 2nd generation computers.
11. Write down about 3rd generation computers.
12. Write down about 4th generation computers.
13. Write down about 5th generation computers.
14. What is cache memory?
15. What is register memory?
16. What is RAM?
17. What is ROM?
18. What is auxiliary memory?
19. What do you mean by main memory?
20. What is DRAM?
21. What is SRAM?
22. What are analog computers?
23. What are digital computers?
24. What are hybrid computers?
25. Based on processing capabilities computers are divided into several types, what are they?
26. What is super computer?
27. What is mainframe computer?
28. What is minicomputer?
29. What is workstation?
30. What is microcomputer?
31. Ten nibble equals to how much bits?
32. Name four input devices.
33. Name four output devices.
34. What is ALU?
35. What is CPU?
36. What do you mean by input unit?
37. What is printer?
38. Draw the functional block diagram of computer.
39. What is OMR?
40. What is MICR?
41. What do you mean by computer memory?
42. Write down about the several types of ROM.

Chapter-2
1. What do you mean by software & how many types software are there?
2. Define system software.
3. What is operating system?
4. What is language processor?
5. What is device drivers?
6. What is utility program?
7. What is application program?
8. Write down the basic functions of operating system.
9. Write down the objectives of operating system.
10. What are several types of os?

11. Write down the basic feature of real-time os.
12. Write down the basic feature of single user os.
13. Write down the basic feature of multi user os.
14. Write down the basic feature of single tasking os.
15. Write down the basic feature of multitasking os.
16. Write down the basic feature of timesharing os.
17. Write down the basic feature of distributed os
18. What is booting?
19. What is BIOS?
20. What do you mean by programming language?
21. What is compiler?
22. What is interpreter?
23. What is computer virus?
24. Name some common types of computer virus.
25. Write down the use of computer in defence sector.

Chapter-3
1. How many types of network are there & what are they?
2. What do you mean by networking?
3. What is networking devices?
4. What is hub?
5. What is repeater?
 6. What is a MAN?
7. What is WAN?
8. What is LAN?
9. What is bridge?
10. What do you mean by switches?
11. What is Router?
12What is NIC?
13. What is gateway?
14. What do you mean by protocol?
15 What does data transmission mode means?
16. What is topology? What are the several types of topologies?
17. What is mesh topology?
18. What is star topology?
19. What is bus topology?
20. What is ring topology?
21. What is hybrid topology?
22. What do you mean by types of connections?
23. What is internet?
24. What does FTP means?
25. What is WWW?
26. What is email?
27. What are the different types of internet connectivity?
28. What is DSL?
29. What is ISDN?
30. What is dial up connection?
31. What do you mean by ISP?
32. Name some ISP.

Chapter – 4
1. Write a short notes on files.
2. What is the difference between file and folder?
3. What is data capturing?
4. What is data validation?
5. In how many ways a file can be organized?
6. What is folder in computer?

7. What is the difference between Random Access method and sequential. Access Method.
8. What do you mean by sequential file organization?

Chapter – 5
1. What do you mean by algorithm?
2. What is the role of Algorithm in programming?
3. What are the characteristics of an Algorithm?
4. What is the function of a Flow Chart? What information does it depict?
5. What do you mean by pseudo code?
6. What is a flow chart?
7. Give the flowchart symbols for keeping, I/O statement and decision statement.
8. Give the flowchart symbol for keeping start and stop statement?
9. Differentiate between algorithm and flowchart
10. What are the different symbols used for a flow chart?
11. What is syntax?
12. What is semantics?

Chapter – 6
1. Name the first developer of C programming language.
2. Differentiate between constants and variables in 'C program.
3. What are the different types of constants provided by 'C?
4. Write the rules for defining a variable in C.
5. What are the various types of statement available in C program?
6. What is the purpose of comment statement?
7. What is the purpose of I/O statement in 'C?
8. How C was evolved?
9. Explain the importance of C-language?
10. What do you mean by low level language?
11. What do you mean by high level language?
12. What do you mean by keyword? How many keywords are there according to ANSI standard?
13. What is datatype?
14. What is escape sequence?
15. What do you mean by format specifier?
16. Why stdio in c programming is used?
17. What is printf()?
18. What is scanf ()?
19. What is pre-processor command?
20. What is #?
21. What do you mean by operator and operand?
22. Operators are divided into how many types according to the operands used?
23. According to the priority operators can be categorized into how many types?
24. What is unary operators?
25. What do you mean by type conversion?
26. Define expression.
27. Write down the difference between = and ==.
28. Give an example of Bitwise-AND operator by writing a small program.
29. Give an example of Bitwise-OR operator by writing a small program.
30. Give an example of Bitwise-XOR operator by writing a small program.
31. Give an example of any relational operator by writing a small program.
32. Give an example of logical -or operator by writing a small program.
33. What are the compound assignment operator?
34. What do you mean by control instructions?
35. What is decision control instruction?
36. What is iterative control instruction?
37. Write down the syntax of if statement.
38. Write down the syntax of if-else statement.

39. Write down the syntax of conditional operator.
40. Write down the syntax of for loop.
41. Write down the syntax of while loop.
42. Write down the syntax of do-while loop.

Chapter – 7
1. Define a pointer?
2. Define a union?
3. What are the uses of pointers?
4. Define structure?
5. What do you mean by recursion? Explain with an example?
6. What is an array? What is its importance in C?
7. What is a single dimensional array? How can it be initialised?
8. What is a multi-dimensional array? How is it initialised?
9. What is string? What are the various string operations?
10. What is function? What are the types of function?
11. What are the ways to define a function?
12. What are the advantages of using function in a program?

Long Type Questions

Chapter – 1

1. Differentiate between hardware and software.
2. Write down the basic features of different generations of computer.
3. Explain the functional block diagram of computer.
4. Differentiate between RAM and ROM.
5. Write down about computer memory.

Chapter – 2
1. Discuss about the application of computer in different field.
2. Discuss about the detection & prevention virus.
3. Differentiate between compiler and interpreter.
4. Differentiate between DOS and WINDOWS.
5. Write down the features of DOS, UNIX and WINDOWS os.
6. Explain what batch processing os, timesharing os is.
7. What do you mean by operating system? Explain its functions.

Chapter– 3
1. What do you mean by network topologies? What are the major types of
Network topologies?
2. Write about the various types of internet connectivity.
3. Discuss about the function of networking devices.

Chapter– 4
1. What is file access? Explain the various type of file access methods.
2. Define Data processing and explain various method of data processing.
3. Explain sequential and serial file access methods

Chapter – 5
1. What do you mean by algorithm & flowchart explain briefly with suitable example.

Chapter – 6
1. Write down the syntax of if-else statement and explain it with a suitable example.
2. What do you mean by decision control instruction? Write down the syntax with example of
various types of decision control statement.

Chapter– 7
1. What is function? Explain it with suitable example, also explain the ways to define a function.