

10. How do you declare a multidimensional array?
11. Specify the method of declaring a integer pointer.
12. Mention any two file manipulation statements.

SECTION B — (5 × 5 = 25 marks)

Answer any FIVE questions.

All questions carry equal marks.

Each answer should not exceed 200 words.

13. Explain the character set of C.
14. What are constants? How they are declared? Mention different constant types.
15. Explain various relational and logic operators.
16. Write a C program to find the average of given numbers.
17. What are nested control structures? Give an example.
18. What is meant by storage class? Explain.
19. Write short notes on unions.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

All questions carry equal marks.

Each answer should not exceed 500 words.

20. Explain the following :
 - (a) Expressions
 - (b) Unary operators
 - (c) Shorthand Assignment Operators
 - (d) Header files.
21. Write a C program to count the number of digits of the given integer number.
22. Explain the following control structures :
 - (a) While-do
 - (b) Switch.
23. Write a C program to arrange the numbers in ascending and descending orders.
24. Write short notes on :
 - (a) Pointers
 - (b) Files.