

7. _____ is also known as function prototype.
- (a) function call
 - (b) function declaration
 - (c) function return
 - (d) function definition
8. _____ variables that are defined within a body of function or block.
- (a) Global
 - (b) Static
 - (c) Dynamic
 - (d) Local
9. Heterogeneous data types are grouped together is referred as _____.
- (a) Union
 - (b) Pointer
 - (c) Structure
 - (d) Array
10. _____ is a function used to open a file.
- (a) file open()
 - (b) fopen()
 - (c) open()
 - (d) open file()

PART B — (5 × 5 = 25 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 250 words.

11. (a) Mention the rules for the identifier.

Or

- (b) Discuss about the Bitwise Operator.

12. (a) Write short notes on?: Operator with suitable examples.

Or

(b) State the difference between while and do... while loop.

13. (a) Discuss about character Arrays.

Or

(b) Write a program to add 10 Integers using Arrays.

14. (a) Explain Recursive functions.

Or

(b) Discuss about Union.

15. (a) Explain – how to access the Address of a variable?

Or

(b) Write short notes on sequential files.

PART C — (5 × 8 = 40 marks)

Answer ALL questions, choosing either (a) or (b).

Each answer should not exceed 600 words.

16. (a) Write detail notes on C – Operators.

Or

(b) Describe the basic Input and Output operation with suitable examples.

17. (a) Explain the various types of Decision making and Branching in C Program.

Or

- (b) Write a program to display below mentioned patterns using for loop.

(i) *
 * * *
 * * * * *

(ii) *
 * *
 * * *
 * * * *

18. (a) Write a program to perform matrix addition between two 2×2 matrices.

Or

- (b) Mention the various string handling functions.

19. (a) Discuss about user defined function.

Or

- (b) Write detail notes on structures.

20. (a) Explain – how to pass pointers as function Arguments?

Or

(b) Discuss about I/O operations on files.
