



4. _____ is an exit control loop.
 (a) Do..while (b) While
 (c) for (d) none of these
5. The range of array subscript is _____.
 (a) 1 to size (b) 0 to size
 (c) 0 to size -1 (d) 1 to size -1
6. The sequence of characters is called _____.
 (a) Array (b) String
 (c) File (d) none of these
7. _____ is the collection of statements can be called any where in the program
 (a) Array (b) String
 (c) File (d) function
8. _____ variable values are used in a particular block only.
 (a) local (b) global
 (c) static (d) none
9. _____ indicates the address of another variable.
 (a) File (b) structure
 (c) pointer (d) none of these
10. Choose the correct remarks
 (a) Only an address of a variable can be stored in a pointer variable
 (b) The value of a variable cannot be assigned to pointer variable
 (c) It is an error to assign a numeric constant to a pointer variable
 (d) all of these

PART B — (5 × 5 = 25 marks)

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

Each answer should not exceed 250 words.

11. (a) Discuss data types in C.
 Or
 (b) Explain any five mathematical functions in C.
12. (a) Explain For statement in C.
 Or
 (b) Write a C program to find sum of digits of given number.
13. (a) Explain arithmetic operation on character.
 Or
 (b) Write a C program to find the average of among N numbers.
14. (a) Explain the concept of recursion.
 Or
 (b) State the need for user defined functions.
15. (a) How to declare and initialize pointers?
 Or
 (b) Describe points on pointers.

