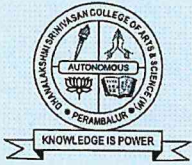


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**DHANALAKSHMI SRINIVASAN COLLEGE
OF ARTS & SCIENCE FOR WOMEN
(AUTONOMOUS)**



(For Candidates admitted from 2020-2021 onwards)

**UG DEGREE EXAMINATIONS APRIL – 2021
B.SC – COMPUTER SCIENCE
PROGRAMMING IN C LANGUAGE**

Time: 3 Hrs

Max.Marks: 75

PART- A

CHOOSE THE CORRECT ANSWER

(10 X 1 = 10)

1. C variable name can start with a ____
 - a) Number
 - b) Plus Sign (+)
 - c) Underscore
 - d) Asterisk (*)
2. The C language consist of ____ number of keywords.
 - a) 32
 - b) 52
 - c) 46
 - d) 42
3. Name the loop that executes at least once.
 - a) While
 - b) Do_while
 - c) switch
 - d) for
4. Which operator are known as ternary operator
 - a) ::,?
 - b) ?,:
 - c) ?,::
 - d) None of the above
5. Which function will you choose to join two words?
 - a) Strcat()
 - b) Strcmp()
 - c) Strcon()
 - d) Strncat()
6. The default parameter passing mechanism is
 - a) Call by value
 - b) Call by reference
 - c) Call by value result
 - d) None of these
7. Array is an example of _____ type memory allocation
 - a) Runtime
 - b) Compiletime
 - c) Depend on computer
 - d) None of these
8. An array index starts with..?
 - a) 1
 - b) 0
 - c) -1
 - d) 2
9. This function is used to detect the end of file
 - a) fseek()
 - b) fgetch()
 - c) feof()
 - d) fputs()
10. The operator used to get value at address stored in a pointer variable is
 - a) @
 - b) &&
 - c) *
 - d) #

PART- B

ANSWER ALL THE QUESTIONS

(5 * 7 = 35)

11. a) Describe about types of constants and variables.

(OR)

b) Explain about Type conversion in C.

12. a) Mention about break and continue statement. Differentiate break and continue statement.

(OR)

b) Discuss about the concept of Switch statement with suitable example.

13. a) Elucidate the role of function and design making statement.

(OR)

b) Write a C program for adding two numbers using function with arguments.

14. a) Illustrate the importance of array with example.

(OR)

b) Write notes on Structure with example.

15. a) Explain about pointers and its applications.

(OR)

b) Explain about fseek() and ftell() with examples.

PART- C

ANSWER ANY THREE QUESTIONS

(3 * 10 = 30)

16. Elucidate about operators with example.

17. Write notes on formatted and unformatted I/O in C.

18. Describe about looping statement with example.

19. Discuss in detail about nested loop structure with example.

20. Write a C program for Student mark list preparation using files .