

Avinashilingam Institute for Home Science and Higher Education for Women
Coimbatore – 641 043

Bachelor's Degree Examination – November 2017
III Semester

Class : II UG
Major : B.Com CA

Time : 3 Hours
Max.Marks: 100

15BCCC08 - Programming Language C
Part - A

10 X 1=10

Circle the Correct Answer

1. ----- means that is a function that has already been written and compiled, and linked together with our program at the time of linking.
a) Printf() b) predefined c) user-defined d) void
2. The task of processing of data is accomplished by executing a sequence of precise instructions called a -----.
a) grammar b) syntax c) Program d) information
3. Control string also Known as ----- string.
a) Character b) type c) format d) optional
4. The switch expression must be an ----- type.
a) default b) constants c) expression d) integral
5. The process of allocating memory at compile time is known as ----- allocation.
a) static memory b) dynamic memory c) static array d) dynamic array
6. A return statement is required if the return type is anything other than-----
a) function b) void c) variables d) arguments.
7. Constructed data type known as ----- , a mechanism for packing data of different types.
a) pointers b) unions c) nesting d) structures
8. Only an address of a variable can be stored in a ----- variable.
a) pointer b) structure c) prototype d) array
9. A----- is a place on the disk where a group of related data is stored.
a) memory b) terminals c) device d) file
10. A linked list is ----- data structure.
a)static b) dynamic c) node d)primary

Part - B

5 x 6 =30

Answer the following

Answer should not exceed 400 words or two pages.

11. (a). Describe about the basic structure of C programme.
(or)
11. (b). What is data type? Explain.
12. (a). What is formatted input and output? Give an example.
(or)
- 12.(b). Give an account on the GOTO statement.
13. (a). Describe about the multidimensional array with example.
(or)
13. (b). What do you mean by user-defined functions ? Explain
14. (a). What is union? Explain.
(or)
- 14.(b). How to accessing structure members.
15. (a). How do you opening and closing a file.
(or)
- 15 (b). List out the application of linked lists?

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Part - C

5X12=60

Answer ALL Questions .

Answer should not exceed 800 words or four pages.

16. (a) Briefly explain about the character set and C Tokens.
(or)
16. (b) Discuss about the precedence of arithmetic operators in detail
17. (a) Explain the reading and writing a character.
(or)
17. (b). Describe the decision making with if statement with neat example.
- 18 (a). Explain about string handling function .
(or)
18. (b). Discuss about the different types of functions.
19. (a). Explain about the copying and comparing structure variables.
(or)
19. (b). Write down the pointers to functions.
20. (a). Give details about Dynamic memory allocation.
(or)
- 20 (b). What is linked lists? How do you create linked lists? Give an example.
