

**Avinashilingam Institute for Home Science and Higher Education for Women
[Deemed to be University] Coimbatore-641 043**

Bachelor's Degree Examination – November 2018

III Semester

Class : II UG

Major : B.Com(Computer Applications)

Time : 3hrs

Max.Marks :100

15BCCC08 Programming Language C

Part-A

Choose the Correct Answer

10x1=10

1. Which of the declaration is correct?
a) int length; b) char int; c) int long; d)float double;
2. Which of the following are unary operators in C?
a) sizeof b)* c) typedef d) &&
3. Which among the following is odd one out?
a) scanf b) printf c) putchar d) fprintf
4. Label in Goto statement is same like _____.
a) for b)while c)switch d)All of them
5. An array elements are always stored in _____ memory locations.
a) Random b) sequential c) random and sequential d) non of the above
6. The keyword used to transfer control from a function back to the calling function is
a) Switch b) Goto c) break d)Return
7. What is the similarity between a structure, union and enumeration?
a) All of them let you define new values b) All of them let you define new data types
c) All of them let you define new pointers d) All of them let you define new structures
8. A pointer is _____.
a) A keyword used to create variables b) A variable that stores address of an instruction
c) A variable that stores address of other variable d) All of the above
9. Which type of files can't be opened using fopen()?
a) .txt b) .bin c) .c d) non of the mentioned
10. What do the 'c' and 'v' in argv stands for?
a)'c' means argument control 'v' means argument vector
b)'c' means argument count 'v' means argument vertex
c)'c' means argument count 'v' means argument vector
d)'c' means argument configuration 'v' means argument visibility

Part-B

5x6=30

Answer the following

Answer should not exceed 400 words or two pages

11. a. Write short notes on Character set in 'C'. Explain
(or)
11. b. Discuss about the keyword and identifiers.
12. a. List out the uses of if –else statement in 'C' with suitable example.
(or)
12. b. Describe about the switch statement with example program.
13. a. Define user defined function with example.
(or)
13. b. Short note as following
i. Function calls ii. Function declaration
14. a. What is mean by copy and comparing structure variables?. Explain
(or)
14. b. What do you mean by functions returning pointers?
15. a. Define Random Access Files system.
(or)
15. b. Bring out the insert an item of linked list.

Part-C

5x12=60

Answer the following

Answer should not exceed 800 words or four pages

16. a. Describe the structure of 'C' program with sample program segment.
(or)
16. b. Discuss about the precedence of relational operators in detail.
17. a. Explain about the decision making with Nesting of if else statement with neat example.
(or)
17. b. Discuss about the different types of looping.
18. a. Evaluate the One-Dimensional array with example.
(or)
18. b. Explain briefly the passing strings to function.
19. a. Discuss about the declaring structure variables with neat explanation.
(or)
19. b. Point out the functions returning pointers.
20. a. What is mean by file system in 'C'? Explain the uses of input/output operations in file.
(or)
20. b. Briefly notes on dynamic memory allocation with example.