

Dr. Babasaheb Ambedkar Open University

Term End Examination July-2016

Course	: BCA	Numerical Code: (Not Require)
Subject Code	: BCA – 103	Numerical Code: (Not Require)
Subject	: Fundamental Of Programming Using 'C' language	Total Marks : 70
Date	: (Not Require)	Time : (Not Require)

Section A

(30)

Attempt any Three of the following:

1. Explain the different types of operators.
2. Explain else . . . if ladder with suitable example.
3. What are the different categories of function? Explain all in brief.
4. Explain the different types of loops with example.
5. Explain string handling functions.

Section B

(20)

Write short notes on any four.

1. What is difference between structure and union?
2. Explain the one dimensional array with example.
3. Write a program to print following pattern using for loop.
1
2 2
3 3 3
4 4 4 4
5 5 5 5 5
4. Explain the different types of data type.
5. What is different between break and continue statement?
6. Write a program to check whether a given year is leap year or not.

Section C

(A) Multiple Choice Questions Choose a correct answer.

(10)

- 1 Which header file is essential for using clrscr() function?
(A) ctype.h (B) string.h (C) conio.h (D) stdio.h
- 2 Array index start at
(A) 1 (B) 0 (C) NULL (D) None of above
- 3 When fopen() fails to open a file it returns
(A) -1 (B) NULL (C) 1 (D) None of above
- 4 When function calls it self, it is known as _____
(A) Recursion (B) Nested loop (C) Exit control loop (D) None of above
- 5 ASCII value of 'C' is _____
(A) 55 (B) 67 (C) 99 (D) 65

- 6 _____ Statement is use to terminate the loop immediately.
(A) break (B) continue (C) A & B (D) Switch
- 7 Which one is not keyword in C.
(A) int (B) short (C) extern (D) inline
- 8 Default value of global variable is
(A) 1 (B) 0 (C) garbage (D) -1
- 9 What is the size of float data type
(A) 8 byte (B) 4 byte (C) 2 byte (D) 1 byte
- 10 Which string function is use to concatenate two string.
(A) strcat (B) concatenate (C) concate (D) strcmnt

(B) True or False (10)

1. Two case constants within the same switch statements can have the same value.
 2. C language is high level language.
 3. In switch case the default case is optional.
 4. A function can not return more than one value at a time.
 5. It is necessary that loop counter must only be an int. it can not be a float.
 6. The keyword can not be use as variable names.
 7. A do while loop is used to ensure that the statements within the loop are executed at least twice.
 8. Function can be called either by value or reference.
 9. A file opened for writing already exist its contents would be overwritten.
 10. Structure is collection of dissimilar data types.
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