

SPM
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Original

K17U 1027

Reg. No. :

Name :

II Semester B.Sc. Degree (C.B.C.S.S. – Reg./Supple./Imp.)
Examination, May 2017
COMPLEMENTARY COURSE IN COMPUTER SCIENCE
2C02 CSC : Programming in 'C'
(2014 Admn. Onwards)

Time : 3 Hours

Max. Marks : 32

SECTION – A

1. One word answer :

(6×0.5=3)

- Various library functions available in C languages is stored in different files known as _____
- Every program statement in C program must end with a _____
- The _____ header file contains mathematical function.
- A variable can be made constant by declaring it with the qualifier _____ at the time of initialization.
- The _____ statement is used to skip a part of the statement in a loop.
- The variable used as a subscript in an array is popularly known as _____ variable.

SECTION – B

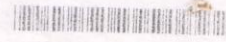
Write short notes on **any five** of the following questions.

(5×2=10)

- Write is the difference between keyword and identifier.
- Write is the difference between prefix and postfix operator.
- Write the syntax of do while loop.

P.T.O.

K17U 1027



5. Give a suitable example of initializing a character array.
6. Write a program to reverse a string.
7. Define an array.
8. Write is the difference between formal parameter and actual parameter.
9. Write is the difference between scanf() and gets().

SECTION – C

Answer **any three** of the following questions.

(3×3=9)

10. Write a program which reads your name from the keyboard and outputs a list of ASCII code which represents your name.
11. Write a recursive function to find factorial of a given number.
12. Write a program to find the smallest number in an array using pointer.
13. What is a string ? Explain about any two string handling function.
14. What is the difference between break and continue statement ?

SECTION – D

Write an essay on **any two** of the following questions.

(2×5=10)

15. A positive number is entered through keyboard. Write a function to find the sum of digits of this number.
16. Write a simple C program for structure and union.
17. Write is the difference between while and do while with suitable example.
18. What is a structure and how it differ from a union ?