Reg. No. : ....

Name : ....

**II Semester B.Sc. Degree (CCSS – 2014 Adm. – Regular)
Examination, May 2015
COMPLEMENTARY COURSE IN COMPUTER SCIENCE
2C02 CSC : Programming in C**

Time : 3 Hours   Max. Marks : 32

SECTION – A

1. **One** word answer :   (6×0.5=3)

    a) Various library functions available in C languages is stored in different files known as _____

    b) Every program statement in C program must end with a _____

    c) The _____ header file contains mathematical function.

    d) A variable can be made constant by declaring it with the qualifier _____ at the time of initialization.

    e) The _____ statement is used to skip a part of the statement in a loop.

    f) 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)

2. What is header files ?

3. Summarize the syntax rules associated with if else statement.

4. What kind of information represented by a pointer variable ?

5. What are identifiers in C ?

6. What is the purpose of main() function ?

7. What are the logical operators in C ?

8. Write is the difference between scanf() and gets().

9. Write a program to accept a string and an integer and print the string as many time as the value of the integer.

SECTION – C

Answer **any three** of the following questions :   (3×3=9)

10. Explain the syntax of switch statement.

11. Summarize the syntax rules associated with do while statement. Compare with while statement.

12. Write the difference between break and continue statement.

13. Explain the syntax of conditional operator in C with suitable example.

14. Explain about various data types supported by C language.

SECTION – D

Write an essay on **any two** of the following questions :   (2×5=10)

15. Write a program to check corresponding day for the input character and print the name of the day using case statement (use M for Monday, S for Sunday).

16. Write a C program for printing the average of N numbers.

17. Explain about arithmetic operators in C.

18. Explain about if else and do while statement.

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