K19U 0255

Reg. No.: .....

Name: .....

II Semester B.Sc. Degree (CBCSS – Reg./Supple./Improv.) Examination, April 2019
(2014 Admission Onwards)
Complementary Course in Computer Science
2C02CSC : PROGRAMMING IN C

Time : 3 Hours Max. Marks : 32

SECTION – A

1. **One** word answer. (6×0.5=3)
   A) Longevity of a variable refers to _____.
   B) Integral data type is _____.
   C) The C language defines _____ fundamental data types.
   D) do-while loop terminates when conditional expression returns _____.
   E) A character variable at an time can store _____ variable.
   F) User-defined data type can be derived by _____.

SECTION – B

Write short notes on **any five** of the following questions. (5×2=10)

1. What is meant by declarations ? Give an example.
2. What are library functions ? Give an example.
3. Specify the syntax used for 'for' statement.
4. Mention the use of 'break' and 'continue' statements.
5. What are function prototypes ?
6. Specify the role of static variables.

P.T.O.

7. What is a string ? Give an example.

8. Mention any two bitwise operators.

SECTION – C

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

1. Explain the various branching statements in C with examples.

2. What is a function ? How function are defined in C ? Explain with an example program.

3. Write a C program to sort the given set of n numbers.

4. What are constants ? How they are declared ? Mention different constant types.

5. Write about notes on unions.

SECTION – D

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

1. Write a program to get the student name, register number, class, mark 1, mark 2, mark 3 and mark 4. Calculate the total and average. Print the results.

2. Explain about pointers with examples.

3. Briefly discuss about control statements.

4. Write a C program to arrange the numbers in ascending and descending orders.

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