K16U 1212

**II Semester B.Sc. Degree (CCSS – Reg./Supple./Improv.)
Examination, May 2016
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)

   a) A pointer is a variable which hold _____ of another variable.

   b) main() is a _____ function.

   c) _____ is used instead of **else if** ladder.

   d) An array is a _____ data type.

   e) _____ function is to reverse a string.

   f) _____ is a minimum guaranty loop.

SECTION – B

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

2. Write the difference between break and continue statement.

3. What is a keyword ? List the name of any two word used in C language.

4. Write the difference between while and do while.

5. What is a syntax of a union ?

                                                                                    P.T.O.

6. What is pointer ? How it can initialized ?

7. Explain any three string handling function.

8. Write a program that print the even numbers from 1 to 100.

9. What is a string ? How it can be initialized ?

SECTION – C

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

10. Explain call by value and call by reference.

11. Write a program to find greatest of three numbers enters through the keyboard.

12. What is meant by storage class ? Explain.

13. Explain about different logical operator in C.

14. Given a number write a program using while loop to reverse the digit of the number for the example the number is 4567 should be written as 7654.

SECTION – D

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

15. Explain the working of switch statement with example.

16. What is recursion ? Explain with suitable example.

17. Explain about arithmetic operators in C.

18. Create a structure and union to specify the data on students below :

    Roll_no,Name,Department,Course,Year of passing

    How they differ each other ?

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