



K16U 1212

Reg. No. :

Name :

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 pointer is a variable which hold _____ of another variable.
- main() is a _____ function.
- _____ is used instead of **else if** ladder.
- An array is a _____ data type.
- _____ function is to reverse a string.
- _____ is a minimum guaranty loop.

SECTION – B

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

(5×2=10)

- Write the difference between break and continue statement.
- What is a keyword ? List the name of any two word used in C language.
- Write the difference between while and do while.
- 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 ?
