



V.P. & R.P.T.P. SCIENCE COLLEGE

S.Y.B.Sc EXAMINATION

SEMESTER – III

US03CCSC01: Fundamentals of Computer Programming Using C

Date: 30/09/2016

Time: 03:00am to 04:30pm

Marks: 25

Q1 Multiple choice of Question: [3]

- 1) Mnemonic a memory trick is used in which of the following language?
(a) Machine Language (b) Assembly Language
(c) High Level Language (d) None of above
- 2) What is the value of I after the execution $I=1; ++I =+ 3;?$
(a) 2 (b) 5 (c) 1 (d) 0
- 3) A group of character is known as _____
(a) String (b) Array (c) Function (d) All of above

Q2 Answer the following in short (Any 2): [4]

- 1) What is Translator? List all translators.
- 2) Distinguish between printf() and scanf() function.
- 3) Write difference between exit and entry controlled loop.

Q3 What is an algorithm? Write advantages and disadvantages of an algorithm. [6]

OR

Q3 What is Flowchart and explain symbols used to draw flowchart. [6]

Q4 Explain in detail the structure of C program [6]

OR

Q4 What is operator? Explain different operators with example [6]

Q5 Define array? Explain declaration of 1D and 2D array with syntax and example. [6]

OR

Q5 Explain the following library function with syntax and example: [6]

- 1) sqrt() 2) abs() 3) pow() 4) islower()