

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

S.Y.B.Sc. (SEMESTER – III)

INTERNAL TEST: OCT-2017

US03CCSC01: Fundamentals of Computer Programming Using C

DATE: 04/10/2017

TIME: 03:00pm to 04:30pm

MARKS: 25

Q.1 Multiple Choice Question

[03]

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. The range of int data type is _____ bytes.

- a) 2 b) 4 c) 8 d) 16

3. A _____ is a memory element that stores a binary digit.

- A. binary adder B. decoder C. multiplexer D. flip-flop



Q.2 Answer the following in short (Any two)

[04]

1. Difference: Interpreter and Compiler.
2. Write Rules of variable name.
3. List out any four mathematical functions.

Q.3 What is an algorithm? Write advantages and disadvantages of an algorithm.

[06]

OR

Q.3 What is Flowchart? Also explain symbols used to draw flowchart.

[06]

Q.4 Explain in detail the structure of C program.

[06]

OR

Q.4 Explain if and if..else statement with example.

[06]

Q.5 Define array. Also explain declaration of 1D and 2D array with syntax and example.

[06]

OR

Q.5 Explain FOR Loop with example.

[06]