

B.V. Patel Institute of Business Management, Computer & Information Technology
Uka Tarsadia University
1st Internal Examination, BCOM 3rd Semester
030100315: Programming in 'C'

Date: 28/08/2017

Marks: 50
Time: 2 hrs.

Q-1 Answer the following. (Any Eight)

[16]

1. What is the meaning of algorithm?
2. Draw a flowchart of if..else statement.
3. Brief the two types of loop statements.
4. What will be the output of following expressions when a=1 and b=2?
- $(a+1)*b-(b*b)$ - $(b+a+1)/b*2/b$
5. What is the use of break statement?
6. Explain in brief the syntax of ternary operator.
7. How to declare and initialize String literal?
8. Justify the type of expression $((x+y)>=((x*y)/z)) \ \&\& \ (x/y<=x-y)$.
9. Write the categories of functions .

Q-2 Answer the following. (Any Two)

[20]

1. Explain switch statement with syntax and example.
2. Write a C program to display summation of five numbers.
3. Write an algorithm and draw a flowchart to calculate square of a number using user defined function.

Q-3 Answer the following in detail. (Any Two)

[14]

1. Explain the basic data types available in C.
2. Explain in detail the structure of C Program.
3. Describe the types of operators.