Seat
No.

B.C.A. (Part - I) (Semester - I) Examination, October - 2017
Programming in 'C' (Part - I) (Paper - 102) (Revised)
Sub. Code : 59570

Day and Date : Tuesday, 24 - 10 - 2017   **Total Marks : 80**
Time : 02.30 p.m. to 05.30 p.m.

Instructions :
1) Each question carries 16 marks.
2) Solve any Four questions from Q.1 to Q.7.
3) Q.8 is compulsory.

Q1) a) Explain Simple structure of 'C' program with example.   **[8]**

b) Describe various forms of if statements with example.   **[8]**

Q2) a) What is looping? Explain looping statements in 'C'.   **[8]**

b) What is flowchart? Draw a flowchart to find largest number between any three given numbers.   **[8]**

Q3) a) Write a program in 'C' to reverse a entered number.   **[8]**

b) Differentiate between break and continue statement.   **[8]**

Q4) a) What is Data type? Explain various data types provided by 'C'.   **[8]**

b) Explain any four String handling functions in 'C' with example.   **[8]**

Q5) a) What is constant? Explain different types of constants used in 'C'. **[8]**

b) Write a program in 'C' to reverse a given string.   **[8]**

P.T.O.

Q6) a) What is algorithm? Write advantages and disadvantages of an algorithm.[8]

b) Explain different features of 'C' language. [8]

Q7) What is an array? Explain different types of array with example. [16]

Q8) Attempt any FOUR questions from the following. [16]

a) Define switch statement in 'C'.

b) Explain character set in 'C'.

c) How to initialize Character array?

d) Explain Relational operators in 'C'.

e) How to format the outputs in 'C'.

f) Write Rules for variable declaration.

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