SB – 170

Seat No.

B.C.A. (Part - I) (Semester - I) (Commerce) Examination, October - 2019

PROGRAMMING IN 'C' (Part - I)
Sub. Code : 59570

Day and Date : Thursday, 31 - 10 - 2019
Time : 03.00 p.m. to 06.00 p.m.

Total Marks : 80

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) What is flowchart? Explain different flowcharting symbols. **[8]**

b) Write an algorithm and draw a flowchart to find reverse of number. **[8]**

Q2) a) Explain different fundamental data types in C. **[8]**

b) Explain logical, increment and decrement operators in C. **[8]**

Q3) a) Write a program to swap values of two variables. **[8]**

b) Explain different unconditional statements in C. **[8]**

Q4) a) Explain different input functions in C. **[8]**

b) Explain else if ladder with example. **[8]**

Q5) Explain different iterative statements with example. **[16]**

Q6) a) Explain strcmp( ) and strcpy( ) functions with example. **[8]**

b) Explain different output functions in C. **[8]**

P.T.O.

Q7) What is Array? Explain one dimensional Array. [16]

Q8) Write short note on any four : [16]

a) History of C.

b) Variable

c) Types of error

d) Switch( )

e) Constants

f) strlwr( ) and strupr( )

✳ ✳ ✳