

Seat No.	
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B.C.A. (Part - I) (Semester - II) (Revised)
Examination, November - 2016
PROGRAMMING IN 'C' (Part - II) (Paper - 202)
Sub. Code : 59577

Day and Date : Saturday, 12 - 11 - 2016

Total Marks : 80

Time : 10.30 a.m. to 1.30 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)** What is structure? Explain array of structure with example. **[8]**
- b)** Explain any two storage classes used in 'C' with example. **[8]**
- Q2) a)** What is union? Explain declaration and initialization of union. **[8]**
- b)** Explain recursive function with suitable example. **[8]**
- Q3) a)** Write a program in 'C' to accept integer number and print its reverse number. **[8]**
- b)** How array is different than pointer. **[8]**
- Q4) a)** What is enum? Explain with suitable example. **[8]**
- b)** How to define and use array of pointer? **[8]**
- Q5) a)** Explain concept of dynamic memory allocation in 'C'. **[8]**
- b)** Write program in 'C' to display prime no. between given range. (Range-userdefined.) **[8]**

P.T.O.

Q6) What is Function? Explain types of functions in 'C'.

[16]

Q7) a) Explain any Four file handling functions in 'C' with example. **[8]**

b) Write a program in 'C' for swapping of two numbers by using function. **[8]**

Q8) Attempt any FOUR questions from the following:

[16]

a) Explain preprocessors 'C'.

b) Type def key word in 'C'.

c) Explain File opening modes in 'C'.

d) Write Advantages of user defined function in 'C'.

e) Static & dynamic variable.

f) Function call by refrance.

