

Seat No.	
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SA - 473

Total No. of Pages : 2

B.C.A. (Part - I) (Semester - II) Examination, April - 2018
PROGRAMMING IN 'C' (Part-II) (Revised) (Paper - II (202))

Sub. Code : 59577

Day and Date : Monday, 23 - 04 - 2018

Total Marks : 80

Time : 03.00 p.m. to 06.00 p.m.

Instructions : 1) Attempt any 4 questions from Q.1 to Q.7
2) Q.8 is compulsory.

Q1) a) What is prime number? Write a program to find prime number. [8]

b) Explain character functions with example. [8]

Q2) a) What is recursive function? Write a program for it. [8]

b) Explain the concept of union with example. [8]

Q3) Explain in detail user define functions with their types. [16]

Q4) a) What is Armstrong number? Write a program to find Armstrong number. [8]

b) Explain pointer to function with example. [8]

Q5) a) Explain different storage classes in detail. [8]

b) Explain structure within structure with example. [8]

Q6) a) Explain array of structure with example. [8]

b) Explain the concept of dynamic memory allocation. [8]

P.T.O.

Q7) Explain file handling in c with example.

Q8) Write Short notes on (Any 4)

[16]

- a) File opening modes.
- b) Call by value.
- c) Scope of Variables.
- d) Enum keyword in C.
- e) Type definition in C.

