Seat No.

B.C.A. (Part - I) (Semester - II) Examination, April - 2015
Paper – 202 : PROGRAMMING IN 'C' (Part - II) (New)
Sub. Code : 59577

Day and Date : Monday, 13 - 04 - 2015   Total Marks : 80

Time : 03.00 p.m. to 6.00 p.m.

Instructions :
1) Q. No. 8 is compulsory.
2) Solve any four questions from Q. No. - 1 to Q. No. - 7.
3) All questions carry equal marks.

Q1) a) What is structure? How do define and access different members of structure? **[8]**

b) Write a C program using structure to store book information (name, author and price). **[8]**

Q2) a) What is function? Explain how main() is differ from other user defined functions? **[8]**

b) Explain the difference between calling function and called function. **[8]**

Q3) a) Explain pointer arithmetic with example. **[8]**

b) State and explain file mode in 'C' language. **[8]**

Q4) a) What is pointer? How they are declared? Give its example. **[8]**

b) Explain static storage class with suitable example. **[8]**

Q5) a) What is union? Explain with example. **[8]**

b) Write a C program using union to store information of five employee as (name, designation and salary). **[8]**

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Q6) Explain Call by value and Call by reference. [16]

Q7) a) Explain getw(), putw() getc() and putc() functions in C language. [8]

b) Write a C program to create a text file - data.txt which contains company information with read and write mode. [8]

Q8) Write short notes (Any Four) : [16]

a) Recursive functions.

b) File modes.

c) Address operator.

d) getc() and putc().

e) Unions.

f) Pointer to function.

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