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RB-1824

First Year B. C. A. (Sem. II) Examination

April / May - 2010

Paper - 204 : Programming Language - I

Time : 3 Hours]

[Total Marks : 70

Instruction :

नीचे दर्शायेख निशानीवाणी विगतो उत्तरवही पर अवश्य लपवी. Fillup strictly the details of signs on your answer book.	Seat No. :
Name of the Examination :	<input type="text"/>
<input type="text" value="F. Y. B. C. A. (Sem. 2)"/>	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="text" value="Paper - 204 : Programming Language - 1"/>	<input type="text"/>
Subject Code No. : <input type="text" value="1"/> <input type="text" value="8"/> <input type="text" value="2"/> <input type="text" value="4"/>	<input type="text" value="Student's Signature"/>
Section No. (1, 2,.....) : <input type="text" value="Nil"/>	

- 1 Answer in short : (any seven) 14
- What do you mean by modular programming?
 - What is the purpose of qualifier "const" and "volatile" keyword?
 - What do you mean by overflow and underflow of data?
 - Explain the term 'type casting'.
 - Write the difference between float and double data type.
 - What is the role of default label in switch statement?
 - How can you include comment in 'C' program? What is the purpose of it?
 - What is the use of, factor in for loop?

- 2 (i) Explain arithmetic operators and their precedence in 'C'. 8
- (ii) Explain the term structured programming with help of example. 6

OR

- (ii) Write a program to read 10 numbers and print 5th lowest number. 6
- 3 (i) Difference between single dimension and two dimensional array in terms of storing strings. 6
- (ii) Write a program to reverse individual words in a given sentence. 6

OR

- (ii) Write a program to check whether the given 3*3 matrix is identity matrix or not. **6**
- 4 (i) How does union help in storing the values? How it differs from structure? **6**
- (ii) Write an array of structure with example. **4**
- (iii) Write a program to read and print details of 5 customers (custid, custname, address, phoneno) in proper format. **5**
- OR**
- (iii) Define a structure called date with month, day and year as elements. Read and print 5 values with proper validations. **5**
- 5 Write short notes on following : (any **three**) **15**
- (i) Arithmetic operations on pointers
- (ii) Multidimensional arrays
- (iii) Bitwise operator
- (iv) Break and continue in while loop.
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