



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 उत्तरवडी पर अवश्य लपवी.  
Fillup strictly the details of signs on your answer book.

Name of the Examination :  
F. Y. B. C. A. (Sem. 2)

Name of the Subject :  
Paper - 204 : Programming Language - 1

Subject Code No. : 1 8 2 4 Section No. (1, 2,.....): Nil

Seat No. :

Student's Signature

- 1 Answer in short : (any seven) 14
- (i) What do you mean by modular programming?
  - (ii) What is the purpose of qualifier "const" and "volatile" keyword?
  - (iii) What do you mean by overflow and underflow of data?
  - (iv) Explain the term 'type casting'.
  - (v) Write the difference between float and double data type.
  - (vi) What is the role of default label in switch statement?
  - (vii) How can you include comment in 'C' program? What is the purpose of it?
  - (viii) 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 5<sup>th</sup> 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

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- (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, phono) 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.