



JA-3719

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

March/April – 2013

204 : Programming Language - I

Time : 3 Hours]

[Total Marks : 70

Instructions :

(1)

नीचे दशांकित निशानीवाणी विगतो उत्तरवही पर अवश्य लपची.  
Fillup strictly the details of signs on your answer book.

Seat No. :

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

Name of the Subject :  
204 : Programming Language - 1

Subject Code No. :  3  7  1  9 Section No. (1, 2,.....) :  Nil

Student's Signature

(2) Marks are indicated to the right side of each question.

1 Answer following :

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- (a) Which of the following can not be checked in switch-case statement ?  
(i) Character  
(ii) Integer  
(iii) Float  
(iv) enum
- (b) Does n++ executes faster than n+1 ?
- (c) How to increment value of a variable using pointer ?  
Give example.
- (d) What is difference between local variable and Global Variable ?
- (e) What is use of 'break' ?
- (f) What is jumping statement ?
- (g) What is difference between prefix and postfix increment ?

2 (a) Discuss the skeleton of 'C' programming language.

7

OR

(a) Discuss constants and variables in 'C' programming language.

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- (b) Discuss the types of operators in 'C'. 7
- OR**
- (b) Describe the Evaluation and Assignment of expressions in 'C'. 7
- 3 (a) Discuss jumping and Branching statements in 'C'. 7
- OR**
- (a) Explain types of loops in 'C'.  
(b) Write note on Built in functions in 'C' programming language. 7
- OR**
- (b) What is an Array ? Explain 1D and 2D Arrays in detail. 7
- 4 (a) What is significance of user defined function ? 6
- OR**
- (a) What is difference between call by value and call by reference ? 6  
(b) What is difference between structure and union ? 6
- OR**
- (b) What is pointer ? Write note on pointer arithmetic. 6
- 5 Write notes on following : (any four) 16
- (a) While and DO...while loop.  
(b) Difference between Arrays and structure.  
(c) Types of arguments in 'C'.  
(d) Global and local variables.  
(e) Formatted Input and Output  
(f) Logical and Relational operators.