



MC-3719

B. C. A. (Sem. II) (ATKT & CBCS) Examination

September / October - 2013

Paper - 204 : Programming Language

Time : Hours]

[Total Marks :

Instructions :

(1)

नीचे दृष्टवित 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="checkbox"/> B.C.A. (Sem. 2) (ATKT & CBCS)	<input type="text"/>
Name of the Subject :	<input type="text"/>
<input type="checkbox"/> 204 : Programming Language	<input type="text"/>
Subject Code No. : <input type="text"/> 3 <input type="text"/> 7 <input type="text"/> 1 <input type="text"/> 9	<input type="text"/>
Section No. (1, 2,.....) : <input type="text"/> Nil	<input type="text"/>
	Student's Signature

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

- 1 Answer following : 14
- (a) What is difference between pre and post increment operators ?
 - (b) What are tokens ?
 - (c) What do you mean by type casting ?
 - (d) What is use of goto statement ?
 - (e) What do you mean by modular programming ?
 - (f) What is use of default in switch statement ?
 - (g) How to include comment in C ?

- 2 (a) Explain arithmetic operator, conditional operator and bitwise operator. 7

OR

- (a) What is symbolic constant ? Write the rules to define symbolic constants. Also discuss advantages of using symbolic constants.
- (b) Explain difference between call by value and call by reference method. 7

OR

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[Contd...

- (b) Write note on primitive datatypes in 'C'. Explain mechanism of Implicit and Explicit conversion.
- 3 (a) Write note on assignment operators, logical operators and relational operators. 7
- OR**
- (a) Explain string functions and provide appropriate examples.
- (b) Write note on iterative statements. 7
- OR**
- (b) What is an array ? Explain difference between 1D-array and 2D-array.
- 4 (a) What is string ? Explain various string functions. 6
- OR**
- (a) Write note on formatted input and output.
- (b) What is structure ? What is difference between array of structure and structure of array ? 6
- OR**
- (b) Explain concepts of pointers in 'C'.
- 5 Write note on following : (any four) 16
- (a) typedef and enum
- (b) type specifiers
- (c) pointer to an array
- (d) character functions
- (e) Type conversion – implicit and explicit
- (f) Difference between Break and continue