XEV (H-3) - }	BCA (6) public static word main (string[]orgs)
	l l
2018	system.out.println(( $i == 1$ )?(7==8)?(S:6:4)); }
Fime 3 hours	3
<ul> <li>Fuil Marks 100</li> <li>Condidates are required to give their answers a own words as for as practicable. The questions are of equal value. Answer any five questions, in which question no. I is compulsory.</li> <li>Choose the correct answer of the following (a) The size of float data type in C++ is : <ul> <li>(i) 2 bytes</li> <li>(ii) 3 bytes</li> <li>(iv) None</li> </ul> </li> <li>(b) The output of the following loop for (i=1; i&lt;=Sj; i++); count &lt;<i; (ii)="" (iii)="" (iv)="" 2="" 4="" 6="" 8<="" http:="" li="" www.biharpaperi)=""> <li>(c) What is the ouput of the following for for for for for for for for for for</li></i;></li></ul>	(iii) 5 (iv) 1 (d) The statement system.out.print((double)7/4); prints (i); 1.75 (ii) 1 (iii) 1.0 (iv) 2.0 (e) What do the statement int i = s; http://www.biharpaper.com system.out.print (i++ + ++i); Print ? (i) 11 (ii) 12 (iii) 10 (iv) 13 .com (f) Which of the following is procedural language : (i) Pascal (ii) Small talk (iii) C++ (iv) None (g) Cout stands for : program ? (iii) 10 (iv) 11 (iii) C++ (iv) None
public class Test First App { 215/7/20/2 (1)	(i) Class output (ii) Character Caper (iii) Common output (iv) Call output (Turn over) Cootd.
(*)	

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## Cootd.

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- (h) The value of .3% 2 is .
  - -(i) 1 (ii) -1 (iii) 1.5 (iv) -1.5
- (i) getch () 15
  - \_Ai)- Input character function
    - (ii) Input string function
    - (iii) Output character function
- (j) An array is a .
  - (i) Derived data type
  - (ii) Fundamental data type
  - (iii) Both (i) & (ii)
  - (iv) None of these http://www.biharpaper.com
- What is matrix multiplication ? Write a C++ program for matrix multiplication.
- What is recursion in C++ ? How many types of recursion ? Explain each of them.
- A. What is inheritance in C++? How many opes of inheritance? Explain any two with example.
- What is constructor ? How many types of constructors are these in C++? Explain each of them.
- 6. (a) Write a C++ program to evaluate xy by using recursion, where x is float and y is integer.

- (b) Write a Java program to print the following pyramid.
- 7. What do you mean by data encryption and data decryption ? Explain with example.
- 8. Write a java program to find the sum and average of n numbers http://www.biharpaper.com
- 9. What is applet ? Write an applet program to find the sum of two numbers.

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- 10. Write short notes on any three of the following :
  - (a) Artificial intelligence
  - (b) Constructor
  - (c) Operator overloading
  - (d) Interface
  - (e) Method overloading

## 215/7/20/2

(Tum over)