

**NEW**  
**Part-III 3-Tier**  
**2017**  
**COMPUTER SCIENCE**  
**PAPER—VIII (Set-2)**  
**(Honours)**  
**(PRACTICAL)**  
*Full Marks : 30*  
*Time : 3 Hours*

*The figures in the right-hand margin indicate full Marks.*

Answer any one question 20x1

The questions will be selected by Lucky Draw.

**Section—I**

1. Write a Java program to sort an array elements using bubble sort algorithm.
2. Write a Java program to find the factorial of n.
3. Write a Java program to check whether an input number is prime or not.
4. Write a Java program to demonstrate multilevel inheritance.

*(Turn Over)*

5. Write a Java program to display a set of students same in a chronological order.
6. Write a Java program to import a package written by you.
7. Write a Java program using constructor overloading.
8. Write a Java program to print the following figure.

```
      *
     * *
    * * *
   * * * *
```

9. Write a Java program using the concept of interface.
10. Write a Java program to override a function.

**[ Viva — 05**  
**PNB — 05 ]**

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