

B.C.A. (2010 COURSE SEM- V : WINTER - 2017
SUBJECT: OBJECT ORIENTED PROGRAMMING-II

Day: **Tuesday**
Date: **14/11/2017**

W-2017-1648

Time: **02.00 PM TO 05.00 PM**
Max Marks: 70

N.B:

- 1) **Q. No. 1 is COMPULSORY.**
- 2) **Attempt ANY FOUR questions from Q.No.2 to Q.No.7.**
- 3) **Each question carries 14 marks.**

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- Q.1 a)** Describe various features of Java. **(07)**
- b)** Write a Java program to demonstrate method overriding. **(07)**
- Q.2** What is Inheritance? Explain different types of inheritance in Java with examples. **(14)**
- Q.3** What is Array? Write various string methods with examples. **(14)**
- Q.4** What is Package? Explain process of creating and accessing packages with examples. **(14)**
- Q.5** What is Constructor? Explain parameterized constructor in Java with example. **(14)**
- Q.6** Write short notes on **(ANY TWO)**: **(14)**
- a) StringBuffer Class
 - b) Java Wrapper Classes
 - c) JVM
- Q.7 a)** Write a Java program to demonstrate StringIndexOutOfBoundsException. **(07)**
- b)** Write a Java program to demonstrate Extending Interfaces. **(07)**

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