

**B.C.A. (2010 Course Sem- V : SUMMER - 2019**  
**SUBJECT: OBJECT ORIENTED PROGRAMMING – II**

Day : Monday  
Date : 22/04/2019

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

**S-2019-2105**

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**N.B.**

- 1) **Q.1 is COMPULSORY.**
- 2) Attempt **ANY FOUR** questions from Q.2 to Q.7.
- 3) Figures to the right indicate **FULL** marks.

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- Q.1** a) Compare object oriented programming with procedure oriented programming? [07]
- b) What are the steps involved in writing and executing java program? [07]
- Q.2** a) List the types of operators available in java. [07]
- b) Explain the working of 'while' loop with suitable example. [07]
- Q.3** a) How to achieve runtime polymorphism in java? Explain with code. [07]
- b) Differentiate between class and interface. How to implement and extend interface. [07]
- Q.4** a) Write a program to display a text message "Welcome India". When user press button by mouse? [07]
- b) Write about four types of classes involved in event handling. [07]
- Q.5** a) Differentiate between C++ and java programming. [07]
- b) Explain exception handling in java. [07]
- Q.6** a) Explain visibility control in inheritance. [07]
- b) Explain string and string buffer class. [07]
- Q.7** a) Explain method overloading concept with example. [07]
- b) What are java system packages? [07]

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