C09–IT–**604**

# 3776

**BOARD DIPLOMA EXAMINATION, (C–09)**

**OCT/NOV—2013**

**DIT—SIXTH SEMESTER EXAMINATION**

JAVA PROGRAMMING

*Time* : 3 hours ]　　　　　　　　　　　　　　[ *Total Marks* : 80

## PART—A

*Instructions* : (1) Answer **all** questions.

(2) Each question carries **three** marks.

(3) Answers should be brief and straight to the point and shall not exceed *five* simple sentences.

**1.** State the importance of Java in the internet programming.

**2.** What is meant by type casting?

**3.** Write the syntax of conditional operator. Give an example.

**4.** State the purpose of this pointer in Java.

**5.** Define a package.

**6.** How does access protection can be implemented in Java?

**7.** What are the advantages of exceptions in Java?

**8.** List the various types of exceptions in Java.

**9.** What are the various a.w.t. classes in Java?

**10.** Write short note on handling events in Java.

## PART—B

*Instructions* : (1) Answer *any* **five** questions.

               (2) Each question carries **ten** marks.

               (3) Answers should be comprehensive and the criterion for valuation is the content but not the length of the answer.

**11.** Explain about constructors in Java with example.

**12.** Explain about string classes in Java with example.

**13.** Explain the concept of interfaces in Java with example.

**14.** Define synchronization. Explain how to implement synchronization in Java.

**15.** Explain the concept of multi-catch statements in Java.

**16.** Explain various stream classes in Java.

**17.** Explain creation of frame window in an applet.

**18.** Explain about various graphics methods that can be supported by a.w.t.

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