



C09-IT-604

3776

**BOARD DIPLOMA EXAMINATION, (C-09)
MARCH/APRIL—2013
DIT—SIXTH SEMESTER EXAMINATION
JAVA PROGRAMMING**

Time : 3 hours]

[Total Marks : 80

PART—A

3×10=30

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. Write the comparisons between Java and C++.
2. Write the syntax for jump statement.
3. Define an array and list the types of arrays.
4. State the usage of 'this' pointer.
5. Explain the concept of class path.
6. Explain briefly about deadlock.

7. Write a simple example in creating applets.
8. List the types of exceptions.
9. Define a frame window.
10. List the different AWT classes.

PART—B

10×5=50

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

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

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

11. (a) Explain working of static and final with example.
(b) Explain about constructors in Java.
12. (a) Explain the syntax of iteration statements in Java.
(b) Explain the selection statements in Java with an example.
13. (a) Explain how to implement the thread class and runnable interface.
(b) Explain the concept of importing packages.

- 14.** (a) Explain about thread priorities.
(b) Explain the life cycle of a thread.
- 15.** Explain the life cycle of an applet in detail with an example.
- 16.** Explain about multi-catch statements in Java.
- 17.** Explain about Labels, Buttons, Checkboxes, Lists and Scroll bars.
- 18.** (a) Explain the working with Graphics.
(b) Explain the usage of colors and fonts.

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