



C09-IT-604

3776

**BOARD DIPLOMA EXAMINATION, (C-09)
MARCH/APRIL—2014
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. State the importance of byte code.
2. Write about Java literals.
3. Write about type conversion and casting.
4. What is the use of command line argument?
5. Define a package.
6. Define an interface with syntax.
7. Write the advantages of exceptions.
8. List any six stream classes in Java.

* 9. Write a short note on dialog box.

10. Write about usage of scroll bars.

PART—B

10×5=50

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. (a) Explain with an example lifetime of variables.

(b) What is a constructor? Describe its special properties.

12. (a) Describe in detail the benefits of inheritance.

(b) Explain the working of 'static' and 'final' with example.

13. (a) Explain how to implement the thread class and runnable interface.

(b) Explain thread priorities.

14. (a) Explain the concept of synchronization with an example.

(b) Explain the concept of interthread communication.

15. Explain various stream classes.

16. Explain the order of initialization and termination of applet.

17. Explain the usage of menus, menu bars, text field and text area.

* 18. (a) Explain the creation of a window in a applet.

(b) Explain the working with graphics.
