



C09-IT-604

3776

BOARD DIPLOMA EXAMINATION, (C-09)

OCT/NOV—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) Answer should be brief and straight to the point and shall not exceed *five* simple sentences.

1. Compare between Java and C++.
2. List various bitwise operators in Java.
3. Define 'constructor'.
4. State the purpose of command-line argument in Java.
5. What is synchronization?
6. Write about access protection in Java.
7. What are run-time error and compile-time error? Give examples.
8. List various advantages of exceptions.

- \* 9. What are different color methods that can help to manipulate colors in Java?
10. List different awt components in Java.

**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. Explain how to use Final to avoid overriding with example.
12. Explain how to create multilevel hierarchy with example.
13. Define 'interface'. Explain the implementation of interfaces in Java with example.
14. Explain about thread priorities in Java with example.
15. Explain about various stream classes in Java.
16. Explain about applet classes and applet architecture.
- \* 17. Explain the process of working with frame windows.
18. Write a Java program to illustrate the usage of scroll bars.

\*\*\*