C09–CM–**604**

3737

BOARD DIPLOMA EXAMINATION, (C–09)

OCT/NOV—2014

DCME—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. What are the features of Java?

2. What is the need for static method?

3. Define inheritance.

4. What is 'labelled break'?

5. How can we access an interface from another interface and how to access from a class?

6. Explain about public and protected access modifiers.

7. What are the phases in Applet life cycle?

8. What are the fundamental exception types?

9. List any three constructors of list class.

10. Write a short note on displaying information on Window.

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. Write a Java program for initialization of constructor.

12. Explain the control statements in Java.

13. Explain thread priority with suitable examples.

14. List and explain the interthread communication methods of Java.

15. Explain about the nested try statements in Java with example.

16. How would you handle primitive data types using the I/O package? Give suitable examples.

17. List and explain the methods of frame class.

18. Describe how you would use delegation model for event handling with an example program.

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