C09–CM–604/C09–IT–**604**

3737

BOARD DIPLOMA EXAMINATION, (C–09)

OCT/NOV—2015

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 is byte code interpretation?

2. What is dynamic initialization of a variable?

3. Why is main method assigned as static?

4. What are the decision making statements in Java?

5. Define an interface.

6. Differentiate between suspending and stopping a thread.

1½+1½=3

7. What is an uncaught exception?

8. Describe in brief the major tasks of input and output stream classes. 1½+1½=3

9. Write short notes on text field and text area.

10. List any three event sources.

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. What is the purpose of 'final' keyword? Write a Java program to illustrate its usage. 4+6=10

12. Write a Java program to sort an array of names of persons in alphabetical order.

13. Explain how to import packages in Java.

14. Explain deadlock.

15. Explain multiple catch statements in Java with an example.

16. Explain Applet architecture.

17. Write a program in Java to illustrate the color class.

18. Write a Java program to demonstrate the use of buttons.

★ ★ ★