C09–CM–604/C09–IT–**604**

3737

BOARD DIPLOMA EXAMINATION, (C–09)

MARCH/APRIL—2017

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. How does Java support platform independency?

2. What is 'labeled break'?

3. Define one-dimensional and two-dimensional array.

4. Why is main method assigned as static?

5. Explain about how to import packages in Java.

6. Explain briefly about alive( ), suspend( ), resume( ) methods.

7. How to initialize an Applet?

8. What are the fundamental exception types?

9. List any three event listeners.

10. Write a short note on font features in Java.

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 about various types of constructors.   10

12. Write a Java program to use 'final' for avoiding overriding.   10

13. What are the two ways of creating threads? Explain with suitable programs.   2+4+4=10

14. Describe the various levels of access protection available in packages and their implications with an example program.

                                                  3+7=10

15. Explain about nested try statements in Java with example.   10

16. Explain character stream classes.   10

17. Write a program to create an AWT-based standalone GUI program.   10

18. List and explain the constructors and methods of button.   10

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