



C09-CM-604

3737

BOARD DIPLOMA EXAMINATION, (C-09)

OCT/NOV—2013

DCME—SIXTH SEMESTER EXAMINATION

JAVA PROGRAMMING

Time : 3 hours ]

[ Total Marks : 80

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**PART—A**

**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. What is a literal?

2. List the various string methods.

3. What are instance variables?

4. What are the data types in Java?

5. Define a package.

6. What is the difference between yield() and sleep()?

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7. What are the advantages of exception handling?
8. Describe built-in exception.
9. List the constructors of a button class.
10. List any three methods of dialog class.

**PART—B**

**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 to reverse the number 568.
12. Explain about command line arguments with an example program.

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13. What are the two ways of creating threads? Explain with suitable programs.
14. How is interface used to support multiple inheritance? Explain with a program.

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- 15.** Explain the concept of streams, and about stream classes and classification.
- 16.** Explain about Applet architecture.
- 17.** Write a program to create an AWT-based standalone GUI program.
- 18.** Write a program in Java to illustrate the color class.

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