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c09-CM-604

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BOARD DIPLOMA EXAMINATION, (C-09)
MARCH/APRIL—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. Write any four differences between C++ and Java.
2. Write about WHILE statement with an example.
3. What is the scope of the variable?
4. What is NEW operator?
5. Define Inheritance.
6. How to use FINAL keyword to avoid overriding?

- * 7. Write about thread priorities.
- 8. Define Interfaces.
- 9. List out Applet capabilities.
- 10. Write about THROW statement.

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. (a) Explain the process of entering and executing a Java program with an example.
(b) Explain available SELECTION statements in Java.
- 12. Explain one-dimensional arrays in Java with an example.
- 13. Explain about overloading constructors with examples.
- 14. Explain the concept of Dynamic Method Overriding.
- 15. Explain InterThread Communication.
- 16. Explain how to implement interfaces.
- * 17. Explain different types of exceptions.
- 18. (a) Explain about basics of Applets and Applet classes.
(b) Explain about Applet architecture and Applet selection.

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