

MAY 2014

P/ID 17511/PCASL

Time : Three hours

Maximum : 100 marks

PART A — (6 × 5 = 30 marks)

Answer any SIX questions.

1. Explain the features of Java.
2. What is Inner class? Explain with an example.
3. Differentiate between method overloading and method overriding.
4. Write a note on access protection in package level classes.
5. Explain the concept of multithreading.
6. Explain the lifecycle of an applet.
7. Explain the significances of Vector utility class.
8. What is layout manager? Explain its types.

PART B — (7 × 10 = 70 marks)

Answer any SEVEN questions.

9. What is an Array? Explain the multi-dimensional arrays with an example.
10. What is control statement? Explain the conditional control statements.

11. What is dynamic polymorphism? Explain with an example.
 12. Discuss the Object Oriented Java Exception handling mechanism.
 13. Describe the concept of synchronization with an example.
 14. Write a Java program for arranging given set of names in alphabetical order.
 15. Describe the role of FileStream classes.
 16. Explain the parameter passing to an Applet program with an example.
 17. Discuss the socket programming with an example.
 18. Explain the methods in Inet Address class with an example.
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