

MAY 2016

P/ID 17511/PCASL

Time : Three hours

Maximum : 100 marks

PART A — (6 × 5 = 30 marks)

Answer any SIX questions.

1. Write about the evolution of java.
2. What are the two ways of passing arguments to a function? Explain them using examples.
3. Write about importing packages.
4. Using a neat diagram, explain java thread model.
5. Give the fundamentals of applets.
6. Explain string comparison with examples.
7. Write about URL format and discuss on URL connection object.
8. Discuss on labels control and write a java program to create three labels and add them to a window.

PART B — (7 × 10 = 70 marks)

Answer any SEVEN questions.

9. Write about the various data types supported by java. Give examples for each.
10. Explain arrays using sample code.
11. Discuss on various constructors in java.
12. Write about class members access control with examples.
13. Explain the definition, implementation and accessing process of interfaces with examples.
14. How can we create thread by implementing runnable interface? Explain in detail using sample program.
15. Write about reading and writing files in java.
16. Demonstrate the “data” utility class with sample code.
17. What are datagrams? Explain “Data gram Packet” and “Data gram Socket” classes.
18. Explain the various drawing functions defined by “Graphics” class.