

PART -A

1. a) Support the statement “java byte code gives high performance”. (4M)
- b) Define class and object in java (3M)
- c) What happens when there is no suitable try block to handle exception? (4M)
- d) Write a java program to create multiple threads. (3M)
- e) Discuss about inner classes. (4M)
- f) Give a note on layouts in AWT. (4M)

PART -B

2. a) What are the problems with procedure languages? How object oriented languages overcomes the problems of procedural languages? (10M)
- b) Give a brief note on Java Virtual Machine. (6M)
3. a) How to share the data among the functions with the help of static keyword? Give example. (8M)
- b) Give the naming conventions in java. (8M)
4. a) Write an example program to show the calling sequence of constructors. (8M)
- b) How to create packages and use them in java? (8M)
5. a) What happen when PrintWriter method receives a string type argument? (8M)
- b) Write a java program to display all odd numbered files of a text file. (8M)
6. a) Briefly explain about applet life cycle. (8M)
- b) Discuss about one modern mechanism to handle events. (8M)
7. a) Write a java program that computes factorial of a number when you enter that number in text field. (8M)
- b) Develop an example that illustrates how to create and display a label containing both an icon and a string. (8M)