S-2/2110

PROGRAMMING WITH JAVA, P-213
SEMESTER-III

TIME ALLOWED 3 Hrs   M.M 60

NOTE: The candidates are required to attempt two questions each from Section A & B
      Section C will be compulsory.

Section A

1. What are various java tools available in JDK? Describe how these are used in application development.   9
2. Differentiating between
   a. method overloading and method overriding
   b. Final and Abstract
   c. static binding and dynamic binding   9
3. What are the differences between interface and a class? How interface helps in multiple inheritance?   9
4. How many ways a thread can be created? Illustrate different pros and cons of the different ways of creating thread.   9

Section B

5. How throw differs from throws? Write a program to demonstrate the difference.   9
6. Write down an applet to create a square inside a circle and circle inside a square. 9
7. What is an AWT? What are the differences between Swing and AWT?   9
8. Explain common JDBC Components.   9

Section C

9.
a) What are streams?
b) What is Java Development Kit?
c) Explain the use of super keyword
d) How does java support platform independence?
e) How can we prevent a class from being extended?
f) What is the difference between importing and extending a class?
g) Difference between final and finally.
h) Write a note on layout manager
i) Differentiate between components and containers.
j) What is Resultset
k) What is an event?
l) How radio button can be added in a form?   12 X 2 = 24