

K-9/2110  
 JAVA PROGRAMMING-212  
 SEMESTER- III

TIME ALLOWED 3 Hrs

MM 70

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. 10.5
2. Differentiating between
  - a. method overloading and method overriding
  - b. Final and Abstract
  - c. static binding and dynamic binding 3 + 3 + 4.5 = 10.5
3. What are the differences between an interface and a class? How does the interface help in multiple inheritances? 10.5
4. What is recursion? Explain with an example. 10.5

Section B

5. How does throw differ from throws? Write a program to demonstrate the difference. 10.5
6. Write down an applet to create a square inside a circle and circle inside a square. 10.5
7. What is an AWT? What are the differences between Swing and AWT? 10.5
8. a) Explain interfaces. 5
- b) How can you create your own exception class. Explain with example. 5.5

Section C

9.
  - a) What is Java Development Kit?
  - b) Explain the use of super keyword
  - c) Explain overloading using objects and parameters.
  - d) Difference between final and finally.
  - e) What is built-in exception?
  - f) What is an event?
  - g) Discuss the advantages and disadvantages of an Applet? 7 X 4 = 28