

M.C.A. DEGREE III SEMESTER EXAMINATION NOVEMBER 2013

CAS 2304/2305/2504 JAVA PROGRAMMING
(Supplementary)

Time: 3 Hours

Maximum Marks: 50

PART A(Answer *ALL* questions)

(15 × 2 = 30)

- I. (a) What is static inner class?
(b) What is String? Explain any 2 String operations in Java.
(c) How can an interface be extended?
- II. (a) Compare Swing and AWT.
(b) Explain Model-View-Controller Design pattern.
(c) Write short note on choice components.
- III. (a) What are object streams?
(b) Describe thread states.
(c) What is thread priorities?
- IV. (a) Explain Tree Set class.
(b) What is updatable result set?
(c) Explain LDAP.
- V. (a) What is Remote Method Calls ?
(b) Write a note on property Editors?
(c) What is Java Bean? List the advantages of Java Bean.

PART B

(5 × 4 = 20)

- VI. A. Explain the concept and types of inheritance used in Java.
OR
B. What is Applet? Explain applet tag and its attributes.
- VII. A. Explain different Layout Managers used in Java with example.
OR
B. Explain how dialog box can be created in applet.
- VIII. A. Explain how synchronization between threads is done in Java.
OR
B. Write a notes on Random Access Files.
- IX. A. Explain Legacy collections.
OR
B. Explain the design of JDBC and its drivers.
- X. A. Explain RMI? Explain how parameter is passing in remote methods.
OR
B. Explain the concept of Java Beans. What are the steps used to create Java beans.
