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Register Number:

Name of the Candidate:

M.C.A. DEGREE EXAMINATION, May 2015

(THIRD SEMESTER)

311. ADVANCED JAVA

Time: Three hours

Maximum: 100 marks

SECTION -A

(8 × 5 = 40)

Answer any EIGHT questions

1. Explain about method overloading with suitable example.
2. Write short note on java packages.
3. Describe the life cycle of a thread in Java.
4. Explain exception handling mechanism with example.
5. Discuss the various steps involved in developing and running simple applet.
6. Explain the different types of layout manager.
7. How do we create socket using TCP in Java?
8. List down the advantages of Java Beans.
9. Write notes on JINI.
10. Create a login page using JSP.

SECTION -B

(3 × 20 = 60)

Answer any THREE questions

11. Describe different forms of inheritance in Java with examples.
12. Explain any four collection classes with suitable example.
13. Explain with an example program for key and mouse event handlers.
14. a) Describe the life cycle of servlet.
b) Explain about various classes in swing packages.
15. Write a RMI based java program to create simple calculator.
