



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.C.A. DEGREE EXAMINATION – COMPUTER APPLICATIONS

SECOND SEMESTER – APRIL 2015

CA 2804 - PROGRAMMING WITH JAVA

Date : 18/04/2015
Time : 01:00-04:00

Dept. No.

Max. : 100 Marks

PART – A

Answer ALL questions

10 X 2 = 20

1. What is object oriented programming?
2. Give the syntax for nested classes.
3. Write the steps for creation and execution of packages.
4. Differentiate *throw* and *throws* in exception.
5. What is content switching?
6. Define string tokenizer class of util.
7. What is the use of *update()* in applet.
8. Define event listeners.
9. List the operations of scroll bar.
10. Define datagrams.

PART – B

Answer ALL questions

5 X 8 = 40

11. a) Discuss the lexical issues of java.
Or
b) Explain Method overriding.
12. a) Write a note on string buffer class.
Or
b) Explain nested *try...catch* with examples.
13. a) Write note on occurrence of deadlock with an example.
Or
b) Elucidate vector class with example program.
14. a) Discuss various applet methods with examples.
Or
b) Elucidate mouse listener class with examples.
15. a) Describe menu bar and menus with program.
Or
b) With an example explain TCP/IP client and server socket.

PART – C

Answer any TWO questions

2 X 20 =40

16. a) With necessary diagram, explain the drivers of JDBC.
b) Explain various groups of operators in java with examples.
17. a) Explain built-in and user defined exception of java with example.
b) With a program in java to demonstrate inter-thread communication.
18. a) Explain the working of font properties in applet with programming examples.
b) Write note on network fundamentals of java.net class.
