



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.C.A. DEGREE EXAMINATION – COMPUTER APPLICATIONS

SECOND SEMESTER – APRIL 2018

17/16PCA2MC02- JAVA PROGRAMMING

Date: 19-04-2018
Time: 01:00-04:00

Dept. No.

Max. : 100 Marks

PART – A

Answer ALL questions

10 X 2 = 20

1. When do variables undergo automatic type conversion?
2. Give the syntax of nested classes.
3. List the character extraction methods.
4. Write the sub classes of exception.
5. How threads can be created?
6. What is currency class?
7. Give the types of applets.
8. What are event listeners?
9. Define datagram.
10. What is JDBC?

PART – B

Answer ALL questions

5 X 8 = 40

11. a) Write note on lexical issues of java compiler.
Or
b) What is abstract class? Give its syntax and explain with example.
12. a) Elucidate on importing of packages with example.
Or
b) Describe multiple and nested *try...catch* with example.
13. a) Illustrate the method of suspending, resuming and stopping threads.
Or
b) Write notes on working with map class of java.util.
14. a) Describe on the process of passing parameters in HTML applet tag with example.
Or
b) Write notes on handling of mouse event with example.
15. a) Write short notes with example on the following:
(i) Choice controls (ii) Lists.
Or
b) Illustrate the drivers of JDBC with necessary diagram.

PART – C

Answer any TWO questions

2 X 20 =40

16. a) What is inheritance? Explain the method overriding with example.

b) Explain string buffer class with example.

17. a) Define thread priority. Explain its implementation in java.

b) Discuss about java event classes in detail.

18. a) Write and explain the steps for JDBC connectivity.

b) Explain array handling method in java.

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