



LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.C.A. DEGREE EXAMINATION – COMPUTER APPLICATIONS

SECOND SEMESTER – APRIL 2018

CA 2804- PROGRAMMING WITH JAVA

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

Dept. No.

Max. : 100 Marks

PART – A

Answer ALL questions

10 X 2 = 20

1. Write the steps for executing java code.
2. What is constructor?
3. List the methods for string modification.
4. Differentiate throw and throws.
5. What is the use of isAlive() and join() methods?
6. What is contained in java TimeZone class?
7. Write and define <applet> tag.
8. What is an AppletStub?
9. What is socket? Give its types.
10. What are event sources?

PART – B

Answer ALL questions

5 X 8 = 40

11. a) Write notes on primitive data types of java.
Or
b) Describe method overriding with example.
12. a) What are interfaces? Explain its features.
Or
b) Elucidate user defined exception with example.
13. a) Describe the method of creating multiple threads with example.
Or
b) Write notes on the following util classes:
(i) String Tokenizer
(ii) Vector
14. a) Write notes on initialization and termination methods of applet with example.
Or
b) Describe java event class with syntax and methods.
15. a) Explain drop-down menu with example.
Or
b) Write notes on drivers of java database connectivity.

PART – C

Answer any TWO questions

2 X 20 =40

16. a) Explain the types of inheritances in java with example.
b) Discuss about access protection among classes and packages with example.
17. a) Briefly explain calendar and Gregorian calendar class with example.
b) Discuss on various font properties with example.
18. a) Write and explain the steps by which the database connectivity is made in java.
b) Explain the set of operators in java.

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