



AJEENKYA

D Y PATIL UNIVERSITY

End Term Examinations (April/May 2019)

School: School of Engineering

Program: BCA DS

Course: Programming In Java

Course Code: CSC201

Semester: II

Max Marks: 50

Duration (mins): 90 mins

Section A

Q1. Answer the following. (Any Five)

10 Marks

- List features of Java(Any Four).
- Define the term variable with syntax.
- Define constructor overloading.
- List and define types of constructor.
- Define Interface.
- Define method overriding.
- Define "java.net".

Section B

Q2. Answer the following (Any Four)

20 Marks

- Distinguish between Class and Interface.(Five Points Each)
- Explain the life cycle of thread with a neat diagram.
- Write a java program to find the area and perimeter of a rectangle (User defined data entry).
- Write a java program to find LCM of two numbers (User defined data entry).
- Write a java program to print multiplication table for any given number (User defined data entry).
- Explain JDBC architecture with a neat diagram.

Section C

Q3. Answer the following (Any Two)

20 Marks

- a. Write a java program to create a simple calculator using java AWT.
- b. Distinguish between method overriding and method overloading with example.
- c. Write a java program to sort array elements of an array in ascending order.
- d. Write a java applet program to show a bouncing ball in the output.

Note: All The Above Programs Must Have User Defined Data Entry.

*******ALL THE BEST*******