



13 Questions Total Marks: 56.0

9 Multiple Choice Questions

1. Suppose there is a class called Employee. Is is possible to ...	+ 2.0
2. Suppose there is a class called Employee. Is is possible to ...	+ 2.0
3. Given the following piece of code, which of the following op...	+ 3.0
4. Which of the class given below relies upon its subclasses fo...	+ 2.0
5. In Java, the methods declared as _____ canno...	+ 1.0
6. How many join conditions are required to join four tables in...	+ 2.0
7. Which of the following commands is used to remove an index f...	+ 2.0
8. Which of these is not a type of SQL constraint?	+ 1.0
9. In SQL, which of the following statements is used to end the...	+ 1.0

2 Programming Questions

10. Stock Price Statistics	+ 20.0
11. Balance the log	+ 10.0

2 SQL Questions

12. Manager names	+ 5.0
13. Managers	+ 5.0

Question 3

Max. Marks 3.00

Given the following piece of code, which of the following options will never be printed by this program?

```
public class SynchronizedTest {
    private String name;

    public SynchronizedTest(String name) {
        this.name = name;
    }

    public static synchronized void staticSynchMethod() {
        System.out.print("SM1 ");
        System.out.print("SM2 ");
    }

    public synchronized void synchMethod() {
        System.out.print(name + "M1 ");
        System.out.print(name + "M2 ");
    }

    public static void main(String[] args) throws InterruptedException {
        SynchronizedTest o1 = new SynchronizedTest("O1");
        Thread t1 = new Thread() {
            @Override
            public void run() {
                o1.synchMethod();
            }
        };
        Thread t2 = new Thread() {
            @Override
            public void run() {
                staticSynchMethod();
            }
        };
        Thread t3 = new Thread() {
            @Override
            public void run() {
                staticSynchMethod();
            }
        };
        t1.start();
        t2.start();
        t3.start();
        t1.join();
        t2.join();
        t3.join();
    }
}
```

☐ O1M1 O1M2 SM1 SM2 SM1 SM2