1. An emergency patient dispatch query can be stated as follows: Find the right hospital or take the patient to the default hospital, then dispatch patient status to the emergency doctor for getting the correct treatment. Considering the Moflex transaction model, illustrate how the transaction fits into Moflex transaction Structure.

2. What is CODA file system? How does communication perform in CODA file system?

3. Draw transition diagram for Isolation only transaction in Coda. Discuss the difference between first class transaction and second class transaction.

4. Consider the architecture of a given mobile database system. What types of scenario a transaction may encounter during its execution? Explain your own ideas in managing these situations successfully.

5. Given the graph below, identify the deadlock situations:
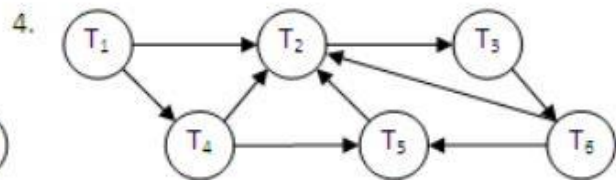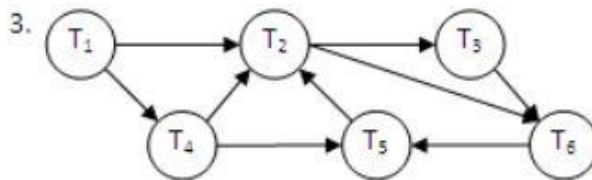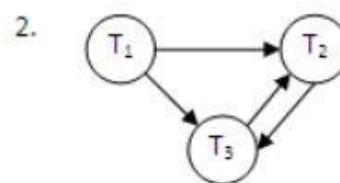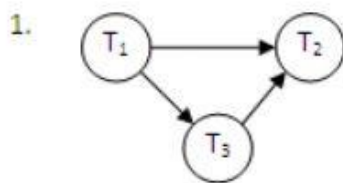
6. Develop your own mobile transaction model and a way of executing them on a mobile database system.