

St. Joseph's Institute of Technology
St. Joseph's College of Engineering
Department of CSE/IT
CS6302-DBMS
Assignment Question – 3

Part-A

1. Give the reasons for allowing concurrency.
2. What are the two types of serializability?
3. What are the different modes of lock?
4. What is transaction?
5. What are the properties of transaction?
6. What are the states of transaction?
7. Define upgrade and downgrade.
8. How serializability is tested?

Part-B

1. What is serializability? Explain its types.
2. Explain about two phase commit protocol with an example.
3. Why concurrency control is needed? Explain with an example.
4. Define Dead Lock. Explain about dead lock prevention protocol.