National Institute of Technology Goa

Department of Computer Science & Engineering
B.Tech   Online Internal Test December-2020

Course Name: Database Systems   Couse Code: CS301

Date: 12-12-2020   Time: 4.00 -5.00 PM   Max Marks: 25

ANSWER ALL THE

---

1. What is transacting? What are the properties of a transaction? Explain.

2. Why do we are executing the transactions concurrently? What are the different issues arising when we execute transactions concurrently? Discuss.

3. Why do we go for serializability? What are the types of serializability? Explain each with necessary example.

4. Explain two phase protocol with necessary example.

5. How tree protocol is different from other protocol? Explain the working of tree protocol with proper example.