1. What is checkpoint?

A. A checkpoint is a snapshot of the state of the process at a given instance and the event of recording the state of a process is called local check pointing.

2. What are the types of failure recovery?

A 1. Backward Recovery

2. Forward Recovery

3. What is difference b/n un-coordinated and co-ordinated check pointing?

A.

Un-coordinated	Un-Coordinated
*It simplifies recovery & is not susceptible of the domain effect, since every process always restarts from its most recent check point.	* Each process takes its check points independently. This eliminates the synchronization.
*Single checkpoint.	*Multiple checkpoint.
*Low recovery lost.	*High recovery lost

4. Who are cloud providers?

A 1. AWS

2. Microsoft azure

3. Google cloud platform

4. Oracle cloud

5. IBM cloud

5. What are three types of cloud services.

A 1. Iaas

2. Paas

3. Saas

Illustrate the concurrency control.

A. The goal of concurrency ctrl is to allow multiple transactions to run concurrently such that the net effect is the same as if the transactions all ran in some serial order.

7. What is forward failure recovery.

A The continuation of the currently execute process from some further point with compensation for the corrupted and missed data.

8. What is orphan msg?

A * Msg with receive recorded but msg send not recorded are called orphan msg.

9. What are 3 cloud deployment models.

A 1. Public cloud
2. Private cloud
3. Hybrid cloud

10. Give an example of ds?

A * Web search
* Finance and Commerce
* Infn. society
* Healthcare
* Education
* Logistics