1. What do you mean by functional dependency?
2. What do you mean by transitive functional dependency?
3. What is partial functional dependency?
4. What is full functional dependency?
5. Explain 2NF with example.
6. Explain 1NF with example.
7. Explain 3NF with example.
8. Explain BCNF with example.
9. Explain 4NF with example.
10. Explain the difference between 3NF and BCNF.
11. What is Multivalued dependency?
12. Find the Normal Form

    R(ABCDE)

    AB->C

    C->E

    D->A
13. Find the Normal form

    R(ABCDE)

    AB->C

    C->DE

    D->A
14. Find Normal Form

    Emp(ename, did, empid, salary)

    ename, did->salary

    did, empid-> salary

    ename -> empid

    empid->ename
15. Find the Normal Form

    R(A,B,C,D,E)

    A->BC

    BC->E

    E->DA

16. Find the normal form

   R(ABCDE)

   A->D

   BC->E

   DE->A

17. R(C, S, Z)
      $CS \rightarrow Z$
      $Z \rightarrow C$
   Find the list of candidate key.
18. Explain ACID Property.
19. What is serializability?

20. What do you mean by deadlock?
21. Define transaction with example.

22. Explain conflict serializable schedule.

23. R(A, B, C)
    $A \rightarrow B$
    $B \rightarrow C$
   Find the closure of each attribute.
24. What do you mean by deadlock?
25. Explain Deadlock detection.
26. What is serial execution in transaction?
27. Explain conflict serializable schedule.
28. What is concurrent execution in transaction?
29. check the given schedule is serializable or not.
   Consider the following schedule for transaction T1, T2, T3

T1	T2	T3
r(x)		
	r(y)	
		r(y)
	w(y)	
w(x)		
		w(x)
	r(x)	
	w(x)	

30?. Check the give schedule is serializable or not.
    S:- R1[X] R2[X] R2[Y] W1[X] W1[Y] W2[Y]