RDBMS with Oracle Question Bank
BCA III SEM V

1. What is data abstraction? Explain each level of data abstraction.
2. Explain any four advantages of DBMS over File processing system.
3. Explain the Client Server Architecture with example
4. Draw the diagram for overall structure of DBMS.
5. What is data independence? What are its types? Explain.
6. With suitable example explain the term Entity Integrity Constraint.
7. With suitable example explain the term Domain Integrity Constraint.
8. What is foreign key? Explain with suitable example.
9. What is Natural Join Operation? Explain with suitable example.
10. Explain in brief following commands i) ALTER TABLE ii) DESCRIBE
11. Explain the following commands with appropriate syntax and one example each

   i. Update Command
   ii. Create table Command
   iii. Insert Into

12. What is aggregate function? List any two aggregate function with example.
13. List and explain set operator in SQL with example.
14. What is the use of where, between, group by and order by clause?
15. Explain DCL commands in brief.
16. What are the views? Give its syntax explain its advantages.
17. How to create sequence. Write syntax to create sequence.
18. Explain types of indexes. Explain the concept of indexing?
19. Define Snapshots. How to create , alter and drop the snapshot.
20. Write a PL/SQL program to display 10 reverse numbers. Use for loop.
21. Explain PL/SQL block structure with suitable Diagram.
22. Explain with suitable example various types of triggers.

23. Write different control statement in PL/SQL with syntax.

24. Explain with suitable example if ..then else….end if statement available in PL/SQL.

25. Write a program using while loop to find value of a raised to b. Accept a and b from user at run time?

26. Write a PL/SQL program to print even numbers upto 20.