

ORACLE INTERVIEW QUESTIONS

1. What are the differences between char(n) and varchar2(n)?
2. What are the differences between date and timestamp?
3. Why do we use national character set data types like nChar(n), nVarchar2(n) nCLOB?
4. How can we maintain multimedia objects like images, audios, videos in ORACLE?
5. What is the difference between BFILE and BLOB?
6. Refer all commands of SQL 5 sub languages and remember every command name, purpose, syntax and minimum 1 example
7. Is column alias temporary or permanent?
8. Is table alias temporary or permanent?
9. What are the differences between TRUNCATE and DELETE?
10. What are the differences between DROP and TRUNCATE?
11. What is the difference between INSERT and INSERT ALL?
12. After COMMIT can we rollback it?
13. After COMMIT can we flashback it?
14. What is DUAL?
15. What is the difference between NVL() and NVL2()?
16. What is the difference between RANK() and DENSE_RANK()?
17. What is the difference between COUNT(*) and COUNT(<any_number>)?
18. What is the difference between count(*) and count(<column_name>)?
19. What is the difference between MAX() and GREATEST()?
20. What is the difference between MIN() and LEAST()?

21. What is the difference between REPLACE() and TRANSLATE()?
22. How can we get the current system date?
23. How can we get the current system time from sysdate?
24. How can we get the current system date and time?
25. What is the purpose of To_Char()? When is it useful?
26. What is the purpose of To_Date()? When is it useful?
27. What are the aggregate functions / group functions provided by ORACLE SQL?
28. What are the analytic functions provided by ORACLE SQL?
29. How can we copy a table?
30. How can we copy table structure?
31. How can we copy the records?
32. What are the CLAUSES of the SELECT command?
33. What is the execution order of CLAUSES of SELECT command?
34. Can we use column alias in GROUP BY? If YES, why YES? If NO, why NO?
35. Can we use column alias in ORDER BY? If YES, why YES? If NO, why NO?
36. What is the purpose of GROUP BY?
37. What is the purpose of HAVING?
38. What are the differences between WHERE and HAVING?
39. What is the difference between ROLLUP() and CUBE()?
40. What is the purpose of JOINS?
41. Refer all Types of Joins with Examples.
42. What are the SET operators provided by ORACLE SQL?

43. What are the differences between UNION and UNION ALL?
44. What are the differences between SET OPERATORS and JOINS?
45. What is a subquery?
46. Why do we write subquery?
47. What is a correlated subquery?
48. What is an Inline View?
49. Can we write a DML command as a subquery? If NO, why? If YES, why?
50. Find 2nd max salary.
51. Find 3rd max salary.
52. Find 10th max salary.
53. Find top 3 salaried emp records.
54. How can we delete duplicate records from the table?
55. How can we see duplicate records only?
56. How to avoid duplicate rows?
57. What are the pseudo columns provided by SQL?
58. What is ROWID?
59. What is ROWNUM?
60. How to display even numbered rows?
61. How to display odd numbered rows?
62. What is Primary Key?
63. What is Foreign Key?
64. What are the constraints provided by SQL?

65. What is the purpose of constraints?
66. How can we add a constraint to an existing column?
67. When to use Table Level Constraint?
68. What is View?
69. What are the types of views?
70. Can we create a view without a base table?
71. What are the differences between a simple view and complex view?
72. If we drop the base table does it drop the views created on it?
73. If we drop the table does it drop the indexes created on it?
74. What is the purpose of the WITH CHECK OPTION clause?
75. Can we create a view on another view?
76. What is INDEX?
77. What are the types of Indexes?
78. What are the differences between B-Tree Index and Bitmap Index?
79. How many indexes can be created on one table?
80. If we create INDEX on all columns of the table then what happens? Is it suggestable?
81. What is Sequence?
82. What are the pseudo columns of Sequence?
83. What is NEXTVAL?
84. What is CURRVAL?
85. What is Cycle Sequence?
86. What is Cache in Sequence?

87. Can we call a sequence from UPDATE command?
88. Can we call a sequence from CREATE command?
89. What are the default values of sequence options?
90. What is materialized view? What is the use of it?
91. In how many ways can a materialized view be refreshed? What are those?
92. What is synonym? What is the use of it?

PL/SQL:

1. What is %type? When to use it?
2. What is %rowtype? When to use it?
3. What are the types of blocks?
4. What is the syntax of anonymous block?
5. What is PL/SQL? What is the purpose of it?
6. What are the control structures provided by PL/SQL?
7. What is Cursor?
8. What is Ref Cursor?
9. What are the types of cursors?
10. What are the differences between simple cursor and ref cursor?
11. What is parameterized cursor?
12. What is inline cursor?
13. What is the advantage with a cursor for loop?
14. What are the drawbacks of Cursor?

15. What is Collection?
16. What are the advantages of collection?
17. What are the differences between cursor and collection?
18. What are the types of collections?
19. What are the differences between associative array and nested table?
20. What are the differences between associative array, nested table and v-array?
21. What is BULK COLLECT?
22. What is BULK BIND?
23. What is the use of FORALL?
24. What is Exception Handling?
25. What are the types of exceptions?
26. What are the examples of built-in exceptions?
27. What are the steps to be followed to create user-defined exception?
28. What is `raise_application_error()`?
29. What are the differences between `RAISE` and `RAISE_APPLICATION_ERROR()`?
30. What is `PRAGMA EXCEPTION_INIT()`? What is the use of it?
31. What is procedure?
32. What are the types of procedures?
33. What is stored procedure?
34. What is packaged procedure?
35. What are the parameter modes?
36. What is the use of OUT parameter?

37. What is pragma autonomous_transaction?
38. What are the advantages of the procedure?
39. What is function?
40. What are the types of functions?
41. Can we use OUT parameters in function?
42. Can we perform DML operations through FUNCTION?
43. What are the differences between procedures and functions?
44. What is a Package? What are its advantages?
45. What is Dynamic SQL?
46. What is Trigger?
47. What is the purpose of the trigger?
48. What are :new and :old in trigger?
49. What are the types of triggers?
50. How can we see a trigger created on which table or column?