

## Interview Questions for 2-3 Years' Experience.

1. What are your daily tasks?
2. What are the backup Issues you manage?
3. If you want to delete archive backup up twice? Command?
4. Do you know something about Performance Tuning? What all activity you perform for enhancing database performance or resolve performance glitch?
5. Which are will you increase if there is a high insert?
6. How would you perform database restore/refresh?
7. What MRP process do?
8. Tell me the steps to create standby database?
9. If you create 10G file at Primary and there is no space at standby database, then how will you resolve this issue?
10. How will you resolve log gap in standby?
11. Steps of database installation.
12. How to gather table stats?
13. What are the advantages of datapump utility over RMAN backup?
14. What are your strengths or the are you will you are strong?
15. What is the purpose of increasing RMAN Channels?
16. What is Db\_file\_scattered\_read?
17. What is flash cache in Exadata?
18. What is DB Refresh, how ill you perform the same?
19. What is voting disk?
20. What is OCR?
21. What is OLR? What it stores?
22. What are all parameters you require to set while creating standby DB?
23. What is standby\_file\_management parameter do?
24. What is the difference between physical and logical standby DB?
25. How many standby db we can create from single primary DB?
26. Command to start and stop MRP?
27. Tables to fetch the log apply details at standby DB?
28. How will you resolve lag at standby?
29. Steps of patching on standalone DB.
30. How will create Exachk report?
31. What all DB version you worked on?
32. What are the steps to perform DB refresh?
33. How you will resolve lag on standby DB?
34. Command to check CPU Memory on Linux.
35. Do you know Shell Scripting? Did you place any script yet? Explain.
36. Do you know about AIX servers?
37. What all you know about Performs Tuning. How to generate AWR Report? ASH?
38. Do you know table creation? Synonym? Table partition? How to do table partition?
39. What are procedures?
40. What is Index? How to create Index? Why we create Index?
41. What is Optimization? How is it done? How optimize do estimation? What are statistics?
42. What are wait events in database.
43. Tell me basic architecture of Golden Gate?

44. How many processes run in GG at once? How to check them? How to check the processes at DB level? Which table is been read by Extract?
45. What all you about Linux you know? What is sar command? What is ced command? How you set scripts though shell scripting?
46. How to set job through crontab? How to check if the job is running if your session terminates?
47. How to check Memory CPU on server? What is Swap Utilization?
48. How will you check which session is responsible for high load? Which column of v\$sqlsession and v\$sqlprocess?
49. How to delete logs from a directory, full command of last 2 days?
50. How will you perform DB restore/refresh?
51. How will you migrate DB from one server to another?
52. What are issue you face during Import/Export? How to resolve ORA-01555? If I have table of 1TB then how much you will set undo\_retention? Till how much you can increase undo\_retention?
53. How much you know about PLSQL commands? Can you write plsql to initiate a job?
54. What is the startup sequence of database?
55. What is difference between spfile and pfile?
56. What is dynamic parameter and static parameter?
57. What are all values come in scope parameter? Meaning of each.
58. What is difference between logical and physical backup?
59. What is the difference between logical and physical memory structures?
60. Command to take archive backup.
61. Command to delete backup older than 7 days.
62. How to check load on server? Command to check CPU, Memory on server.
63. How you set job on server? Tell me full syntax of setting job through crontab.
64. Tell me syntax of setting job on crontab which will on every Monday.
65. What are Incidents Rules in OEM? How you use OEM for monitoring alerts?
66. What is AWR report? What is ADDM? How to generate AWR?
67. What is SGA? What is the difference with SGA and PGA?
68. What is Shared\_pool? What happens when we flush shared pool ?
69. How you resolve ORA Errors? What will your approach to ORA 600?
70. What PMON do?
71. How will you check Load through uptime? What is avg load? How many types of load?
72. How will you deploy agent?
73. Explain complete architecture of Oracle Memory Structure ?
74. What is the difference between redo, rollback & Undo ?
75. Tell me about Crash Recovery & Media Recovery.

## **Interview Questions for 4-5 Years' Experience**

1. Explain about password file, what is stored inside password file and its use?
2. What is force=y option while generating password file?
3. What are the contents of control file and which parameter defines the controlfile retention?
4. Difference between checkpoint and SCN number?
5. Differentiate between data file header and data block header? What it contains
6. Give the command to take controlfile trace backup

7. Can I have redo log groups with different size?
8. Differentiate between redo log groups and redo log members
9. How do you rename redo log file – online or offline? Give the command
10. Which parameter defines the archive log naming format?
11. Can I change the archive log destination while the database is running?
12. I lost redo log file and have no multiplexed copy or archive log. How can I recover the database?
13. What is different about v\$datafile and dba\_data\_files?
14. What are the contents of oracle inventory file and in which format does it exist?
15. You are designing a database for a client. Explain below:
16. How would you recommend the storage of datafiles, control files, redo log files etc?
17. How will you calculate the initial size of the database?
18. What backup strategy you would recommend?
19. On which locations you will set alerts?
20. How many OS blocks does DB block contain?
21. Why data blocks are always 80% used and not 100%?
22. How many types of segments are there in Oracle? How many types of objects are there in Oracle and how are they stored in the segments?
23. How will you calculate the best data block size for a new database and propose it to the client?
24. What is undo retention policy? How do you estimate the undo retention policy?
25. Explain what happens during instance recovery?
26. Difference between Roll-back and roll-forward
27. A user is complaining DB is running slow. What could be the issue?
28. What is a temporary table and how it is different from normal table?
29. What is materialized view and how it is different from view and normal table?
30. How do you query rowID column in a table? What exactly is rowID?
31. How do you give partial access to a user on a table?
32. What are the table partitioning strategies used in your environment?
33. What is global partitioned index and local partitioned index? How does it impact the performance?
34. Do you recommend partitioned tables in Data Warehouse or OLTP databases?
35. I want to install Oracle software on 300 servers at a time. How will you do it?
36. There are 50 random email alerts for multiple databases. How will you prioritize the alerts and solve them?
37. Temp tablespace utilization is 100% full. What you will do?
38. My client recommends to put undo and temp on auto extend ON. What you have to say about it?
39. Explain about tablespace utilization process in your environment?
40. Client is asking for sysdba access. What is the command to give access?
41. Ping is working but tnsping is not working. What could be the issue?
42. I am not able to add data file to tablespace. What could be the issue?
43. My database size is 25 TB. How many channels will you allocate in RMAN command?
44. Differentiate between automatic channels and manual channels.
45. What is backup optimization on in RMAN? Do you recommend it to be enabled?
46. I want to configure tape backups. How will you configure tape with RMAN
47. How to take cold backup using rman?
48. What are the ways to improve rman backup / recovery performance in terms of time?

49. I have taken L0 backup on 1st and L1 everyday till 15th. The recovery window is of only 7 days. So how will you recover database as L0 is OBSOLETE backup
50. Difference between expired backups and obsolete backups
51. What is the RMAN command to take controlfile and spfile backup?
52. What is the command to delete all the backup older than 30 days?
53. What is database incarnation? What happens when database goes into new incarnation?
54. I have a reporting database of 2 TB. What backup strategy will you recommend?
55. How do I sync recovery catalog with my target database?
56. Tell me the process of recovery catalog creation with commands.
57. Recovery catalog server is down. How will handle the failed backups for an environment with 1000 databases?
58. When will you recommend cumulative over differential backups?
59. What happens when you type recover database?
60. Why cold backup is known as consistent backup? How can I take consistent backup using RMAN?
61. What is fractured block?
62. What happens when you put DB in Begin backup mode?
63. I lost my entire database. Tell me the steps you will follow to recover the database.
64. What is database health check? How do you perform health check?
65. My controlfile retention is 30 days. I want to recover my database from a backup 45 days old. How will you perform the activity when the backup details are not there in the controlfile?
66. How to do perform PITR recovery?
67. How do you calculate the archivelog backup frequency and schedule in crontab?
68. Why you will not recommend catalog scripting over shell scripting for backups
69. Explain RMAN restore / recover cloning process with steps?
70. How do you rename a database post cloning?
71. Explain RMAN Duplicate and difference between RMAN Duplicate cloning for new database and cloning for physical standby?
72. I started the cloning and it failed in between. What should I do now?
73. Difference between MRP and LSP
74. Archives are not arriving at the standby. What will you check?
75. There is a GAP of 1000 archives in my standby. How will you resolve it?
76. I want my standby to run 4 hours behind the primary server. How can I achieve it?
77. How to improve the performance of MRP process
78. The client does not want to spend on active data guard license. What will you recommend?
79. What happens when you convert physical standby to snapshot standby?
80. In which conditions you will recommend Oracle Data Guard to client?
81. Tell me the steps to configure physical standby?
82. How will you verify that the standby is in sync with primary?
83. What is guaranteed restore point? How it is different from restore point?
84. Explain the difference between flashback database and database PITR
85. Explain about how upgrades are done in your environment?
86. What are the pre-upgrade steps you follow?
87. Explain the process of upgrading from 11g to 12c version?
88. What are the post upgrade steps in oracle?
89. What is the difference between CPU Patch & PSU Patch ?

## **Interview Questions for 5+ Years' Experience**

1. Application team query is running slow. What you will do?
2. Select statement is taking longer than usual. What could be the issue?
3. What is the frequency of index rebuilding in your environment?
4. What is invalid object in Oracle
5. Differentiate between delete and truncate command
6. Explain stats gathering and how it impacts database performance?
7. How many DB writer process can you configure in database? Tell me the command for increasing the DB writer process.
8. Difference between 8i, 9i, 10g, 11g and 12c databases as per your experience.
9. What is the most challenging task for you as a DBA?
10. Explain about TKPROF utility and when do you use it
11. Explain about cost in SQL and how optimizer defines cost?
12. How do you setup data guard in 8i?
13. What are the instance level, RMAN level and other changes in 9i and 10g?
14. Junior DBA brought down the listener, how do you react?
15. Your production database is running in NOARCHIVELOG mode, what could be the issue?
16. How do you migrate database from windows to Linux?
17. What was your last database design and how did you work on the project?
18. What is sequence of Exadata Patching ?
19. Different Protection Mode in Standby database ? Parameters behind the settings ?
20. What all parameter needs to be added in order to create Standby Database ?
21. What is the start up process of RAC ?
22. What are all background processes in RAC ? What is Cache Fusion ?
23. What are past images and consistent read in Cache Fusion ?
24. What is GRD ? What is Votedisk ?
25. How to re create OCR ? Command to take backup of OCR & OLR ?
26. Difference between Normal & Guarantee Restore Point ?
27. Performance issue in RAC database scenarios.
28. What log transfer scenario from Primary to Standby database ?
29. How you will create high availability environment? What all scenarios can be opted ?
30. What all happens in background when you fire some select statement ?
31. How you restore standby lag using database service ?
32. Explain different scenarios of standby database lagging behind primary database.
33. Why ASM rebalancing is required ? How rebalancing happens actually in background ?
34. What is ASM metadata and how to take backup of ASM metadata ?
35. What is flex ASM ?
36. What is DG\_CONFIG parameter in standby DB ? What is use of STANDBY\_FILE\_MANAGEMENT parameter ?
37. When Index creation is required in database ?
38. What is the difference between DB file sequential read and DB file scattered read ?
39. If you find 19c upgrade is running slow, what can be the cause behind it ?
40. What all you understand when you explain plan of some SQL ID ?
41. What are golden images ?
42. What is the significance of using VIP address failover ?
43. What is the use of private interconnects ?
44. What are different views you will use to address performance issue on database ?
45. How to restore PDB using DB links ?

46. What are Public and Private DB link ?
47. How to flush shared pool of particular SQL ID ?
48. What init.ora parameters does a user needs to configure for ASM Instances ?
49. Why Oracle recommends to 2 diskgroups ?
50. How to transfer space from cell disks to grid disk in Exadata environment ?
51. What is the difference between between dccli & cellcli command ?
52. What is the significance of Latches with respect to Performance Tunning ?
53. How to recover datafile accidentally removed with out backup ?
54. How to recover lag in standby if datafile is create as UNNAMED in standby database ?