Oracle DBA Interview Questions

Q1) What is an Oracle Database?

Q2) What is the Database Administrator task?

Q3) What are the databases available in the market?

Q4) What is an instance in Oracle?

Q5) What are the components of SGA?

Q6) What are the physical components of the Oracle database.?

Q7) What is System Change Number (SCN)?

Q8) What is PFILE?

Q9) What is a control file?

Q10) How can you obtain Information about control file?

Q11) What is Redo Log Files?

Q12) What are the two types of backup in Oracle?

Q13) What is a recovery catalog?

Q14) What are the different stages of database startup?

Q15) What is hot backup?

Q16) How do you switch from an init.ora file to a spfile?

Q17) How will you backup control file from linux?

Q18) How will you backup all redo logfile from linux?

Q19) How will you backup all datafiles from linux?

Q20) How do we know which database instances are part of a RAC cluster?

Q21) How will you check the database name from LINUX?

Q22) How will you check the status of instance?

Q23) How will you check the name of instance?

Q24) How will you find the location of pfile?

Q25) How to kill the database session?

Q26)What is difference between startup mount and startup nomount?

Q27)How to check the Oracle database version?

Q28)How will you recover a lost control file?

Q29)Suppose Some Blocks Are Damaged In A Datafile can you recover these blocks using ram?

Q30)Can you up the database when a control file is lost ?

Q31)How will you find the database process running in linux?

Q32)What are ORACLE DATABASE BACKUPS

Q33)What are the Types of Backup:

Q34)What are the components of SGA?

Q35)Functions of Library cache:

Q36)what is the use of UNDO segment?

Q37)When does DBWR invokes?

Q38)Types of checkpoints

Q39)What happens when Db is started with nomount

Q40)What is DCL?

Q41)Ways to reduce temp file size:

Q42)What is Opatch Utility?

Q43)What is an ASM?

Q44)What are the background process in ASM?

Q45)Views to check RMAN status

Q46)ORA -01555 error

Q47)What is a profile?

Q48)Difference between sysdba and sysoper user roles.

Q49)What are the network files?

Q50)What is called as TNS?

Q51)Difference between hot and cold backup:

Q52)Types of Stanby Databases:

Q53)Modes of standby DG :

Q54)Views to get errors in DataGuard

Q55)Background processes in RAC

Q56)What is splitbrain syndrome

Q57)What is the OCR Backup and OLR location

Q58)Functionality of running root.sh

Q59)conditions of LGWR to write:

Q60)Uses of RMAN:

Q61)Different status of redo log files:

Q62)Background processes in DataGuard:

Q63)What is a PSU patch

Q64)Types of patching in RAC:

Q65)Types of Redundancy in ASM:

Q66)What are the ASM parameters

Q67)New features from oracle 11G

Q68)What does PMON do

Q69)What are the different oracle database objects

Q70)What is the oracle DB logical structure

Q71)What is a synonym?

Q72)Wha are the services in DataGuard

Q73)Mention some DG parameters

Q74)How many standby redo log files should be created?

Q75)How to enable and check block_change_tracking?

Q76)What does Query Optimiser do?

Q77)Steps to shutdown RAC system:

Q78)What is Fusion cache?

Q79)What is switchover in DatGuard

Q80)How to take AWr report

Q81)Name some wait events:

Q82)What does crsd do?

Q83)why catbundle.sql psu apply is ran?

Q84)What is a control file?

Q85)How To check lag in Physical standby and if lag is found what will be your approach to troubleshoot.

Q86)How you will check time on oracle

Q87)How will you get spid of any

Q88)How you can create directory tree,copy and remove in unix/linux

Q89)Tell me by an example how you can copy file to different

Q90)Suppose you have lot many inactive sessions and application team asks you to kill them for specific service, how will you do it quickly.

Q91)How will you get datafile size and tablespace it belongs to

Q92)How will you find out who is using sysaux

Q93)What is Flasback feature and what parameter necessary to set.

Q94)While adding a datafile Error Max size out of range, what will you do and alter tablespace ORA_DATA add datafile '+MRCP_DATA' size 1G autoextend ON next 25M maxsize 32G

*ERROR at line 1:

ORA-03206: maximum file size of (4194304) blocks in AUTOEXTEND clause is out of range

Q95)A database is up and running fine however application user or end user complains that they are not able to connect to database. First thing what would you do?

Q96)How to determine how much space I can reclaim by shrinking

Q97)How will you take output of sql query in html/tabular format?

Q98)What do you know about DataGuard and how many types of standby databases are there ?

Q99)How many types of protection mode for standby database, tell me briefly .

Q100)How to activate standby

Q101)How to take backup of user's

Q102)While exporting you get error Dump file space has been exhausted, however you have enough space left/empty in your target filesystem .

Q103)How you feel RMAN will be useful for you?

Q104)How to bring a database from ARCHIVE LOG mode to NON ARCHIVE LOG MODE?

Q105)Tell me few important views used in Oracle you have learned ?

Q106) What are the different methods we can shutdown our database?

Q107)How many different types of indexes are available you know?

Q108)What is the use of ALERT log file? Where can you find the ALERT log file?

Q109)What is a user process trace file?

Q110)What are different types of locks?

Q111)What do db_file_sequential_read and db_file_scattered_read events define?

Q112)How to tell the %age of connections on the current node of a DB?

Q113)How to know when operations happened on a table ?

Q114)Suppose you need to get the procedure body, which query you will execute?

Q115)What do you mean by database backup and which files must be backed up?

Q116)What is a full backup and name some tools you use for full backup?

Q117)What are the different types of backup's available and also explain the difference between them?

Q118)Name the architectural components of RMAN?

Q119)Assume you work in an xyz company as senior DBA and on your absence your back up DBA has corrupted What do you do?

Q120)How data is being written into DB and by what process it is achieved and how frequent does it push data to db?

Q121)What is Log Writer and when does LGWR writes to log file?

Q122)Which Table spaces are created automatically when you create a database?

Q123)Which file is accessed first when Oracle database is started and What is the difference between SPFILE and PFILE?

Q124)What are advantages of using SPFILE over PFILE?

Q125)Where are parameter files is located and how can you override pfile while starting your database using a specific parameter file?

Q126)What is PGA_AGGREGATE_TARGET parameter?

Q127)How will you identify the Blocking_locks in a DB?

Q128)Can you find out Index is on which column?