1. **Why do you run orainstRoot and ROOT.SH once you finalize the Installation?**

* orainstRoot.sh needs to be run to change the Permissions and groupname to 770 and to dba. Root.sh (ORACLE\_HOME) location needs to be run to create a ORATAB in /etc/oratab or /opt/var/oratab in Solaris and to copy dbhome, oraenv and coraenv to /usr/local/bin. orainstRoot.sh

1. **What is oraInventory ?**

* oraInventory is repository (directory) which store/records oracle software products & their oracle\_homes location on a machine. This Inventory now a days in XML format and called as XML Inventory where as in past it used to be in binary format & called as binary Inventory.

#### What is the difference between SMON and PMON processes?

* SMON (System Monitor) performs recovery after instance failure, monitor temporary segments and extents; clean temp segment, coalesce free space. It is mandatory process of DB and starts by default. PMON (Process Monitor) failed process resources. In shared server architecture monitor and restarts any failed dispatcher or server process. It is mandatory process of DB and starts by default

#### What is difference between oracle SID and Oracle service name?

* Oracle SID is the unique name that uniquely identifies your instance/database where as the service name is the TNS alias can be same or different as SID.

#### What is the control file? What kind of information is stored in a control file?

* Control file is a file that contains all the information about the physical structure of the database, such as number of log files and their location. Oracle database server uses control file to find its physical component. Control file stores information about log switches, checkpoints, and modification in disk resources

#### What is the difference between a temporary table space and a permanent table space?

* A temporary tablespace provides temporary storage during the processing of database function, such as sorting; whereas A permanent tablespace is used to store permanent database objects, such as tables, partitions, indexes and clusters.

#### What is the difference between view and materialized view?

* View is logical, will store only the query, and will always  
  gets latest data. Mview is physical, will store the data, and may not get latest data.

### What is a trace file, and how does one make one?

* A trace file can be created for each server and backend process. When a process or user process detects an operational fault, it spills data about the bugs to its trace. This information can be used to fine-tune the database.