**Question 1:- What is a DUAL table and why do we need it?**

**Answer:-** The DUAL table is a special one-row table present by default in all Oracle database installations.

* It is suitable for use in selecting a pseudo columns such as SYSDATE or USER.
* It can be used to perform calculations
* It can be used as a sequence generator

**Question 2:- How many column's and row's are present in the DUAL table?**

**Answer:-** 1

**Question 3:- What is the output of SQL statement**

*Select count (1) from dual;*

**Answer:-** 1

**Question 4:- Can we insert rows in the DUAL table?**

**Answer:-** Yes

**Question 5:- Can we create a table based on a existing table?**

**Answer:-** Yes using the CTAS (Create table AS)

**Question 6:- What is the easiest way to backup a table?**

**Answer:-** By using command “Create table AS”

Example, *create table sales1 as selecet \* from sales*

**Question 7:- Can we drop all the columns from a table?**

**Answer:-** No, We get the following error.

*ORA-12983: cannot drop all columns in a table*

**Question 8:- What are pseudo columns?**

**Answer:-** A pseudo column behaves like a table column, but is not actually stored in the table. You can select from pseudo columns, but you cannot insert, update, or delete their values.

For Example -

* SYSDATE
* ROWID
* ROWNUM
* OBJECT\_ID
* OBJECT\_VALUE
* ORA\_ROWSCN
* XMLDATA
* CURRVAL
* NEXTVAL
* LEVEL
* CONNECT BY ISCYCLE

**Question 9:- What is the difference between count(1), count(\*)?**

**Answer:-** Nothing, They are the same.

* They incur the same amount of work
* They do the same thing
* They take the same amount of resources