Assessment test   7 Aug 2021

1.   Create a table myemp for the following specification.

Field Name	column constraint	Type	size
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Eno	PRIMARY KEY	NUMBER	4
Ename	NOT NULL	VARCHAR2	30
Deptno	NOT NULL	NUMBER	4
Esal		NUMBER	8,2

Load the table with any 5 records and do the following

a) Add a new column experience with number datatype and with not null constraint.

b) update esal column of the table with null values whose esal value is between 5000-10000.

2.Add a new column **comm** in myemp with some null and not null values. Now,

Create a new table 'empcommnul' by moving all null value-based rows from **myemp** to **empcommnull**.

3. In **myemp** table, based on the following scenario,

        "Employees can work in one or more department".

        Make suitable changes in the structure to accommodate the above said scenario based values.

4. create a trigger with your own name for enforcing a constraint on insert or delete or update operations on of all columns of **myemp** by denying the said operations on weekend days(Saturday and Sunday) with message 'Sorry Access on week-end days is denied'.

5. Write any PL/SQL block which handles **others** exception in which reflects the error code and error message of the occurring exception.

6. Create a table EBILL for the following specification.

Field Name	column constraint	Type	size
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CNO	PRIMARY KEY	VARCHAR2	10
CNAME	NOT NULL	VARCHAR2	30
NOUNITS	NOT NULL	NUMBER	4
BAMT		NUMBER	8,2

Load the table with any 5 records without entering values for BAMT column and do the following.

Write a PL/SQL procedure **EBILLP** with parameters of IN and OUT type and calculate **bamt**

using CURSOR as per the following criteria.

if nounits>200

  amount=(nounits-200)*1.5+150;

 else if nounits>100

   amount=(unit-100)*1.5+50;

 else

 amount=unit*0.5;

Finally, update the **bamt** column of the table with the calculated amount and also display all details of consumer on the screen.

Create another PL/SQL block to call the procedure to accomplish the task.