**Question 1**

CREATE TABLE called supplier with the following fields .

supplier\_id numeric(10) - > Primary key with constraint name

supplier\_name varchar2(50) - >unique name

contact\_name varchar2(50)

phone\_no varchar2(10)- >unique name

city varchar2(10)

Region –> should accept only ('N', 'NW', 'NE', 'S', 'SE', 'SW', 'W', 'E')

1. Insert 5 records
2. Display the details of the supplier who comes from Florida and their supplier id 500;
3. Add phone number in the supplier table using DDL command
4. Delete the unused column in the supplier table
5. Write a sql command to delete supplier table.
6. Create a view named supplier\_contact . Include supplier\_id,supplier\_name,phone\_no

**Question 2**

Ecommerce site determines shipping cost based on the products ordered and membership. The valid rates are displayed in the following table:

|  |  |  |
| --- | --- | --- |
| QUANTITY | REGULAR SHIPPING COST | MEMBERS SHIPPING COST |
| Up to 3 | $ 8.00 | $ 4.00 |
| 4-6 | $7.00 | $ 3.50 |
| 7-10 | $10.00 | $5.00 |
| >10 | $15.00 | $7.50 |

1. Create a **flowchart** to outline the processing steps in order to handle this calculation.
2. Create a pl/sql block to complete the above task. Include variable that holds Y OR N to include membership status and a variable to denote the number of items purchased. Verify with different values

**Question 3**

Run below script to create the table

DROP TABLE messages;

CREATE TABLE messages (results NUMBER(3));

a) Insert the numbers 1 through 10, excluding 6 and 8.

b) Commit before the end of the block.

c) Execute a SELECT statement to verify that your PL/SQL block worked.

**Submission:**

* Copy your code to a MS-word file
* Include a screenshot of the output of each code segment.
* This assignment should be done individually
* Submit your work to e-centennial
* Email submission will be ignored