

WINTER EXAM 2020

Date ___/___/___

Saathi

Roll No. = 451200

Enrollment No. - 1910020362

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Seat No. - 240630

Program and Program Code: DM 3I

Course and Course Code: DMS (22319)

I) Write output of following queries

a) Select abs(-15) from dual

→ 15

b) select exp(4) from dual

→ 54.59815

c) Select power(4,2) from dual

→ 16

d) Select mod(10,3) from dual

→ 1

e) Select sqrt(16) from dual

→ 4

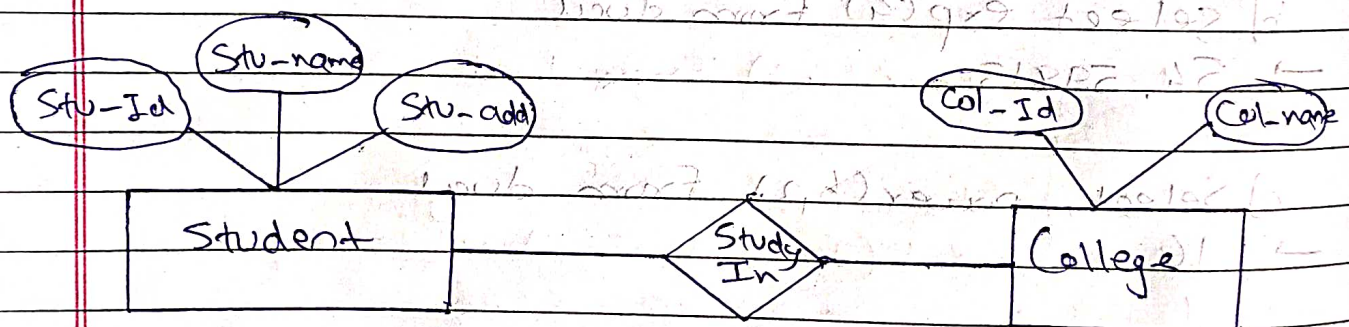
II] Draw E-R Diagram for Customer, Branch and account relationship.

i] An ~~Entity~~ Entity-Relationship model (E-R) describes the structure of a database with the help of a diagram, which is known as E-R diagram.

ii] An ER model is a design or blueprint of a database that can be later implemented as a database.

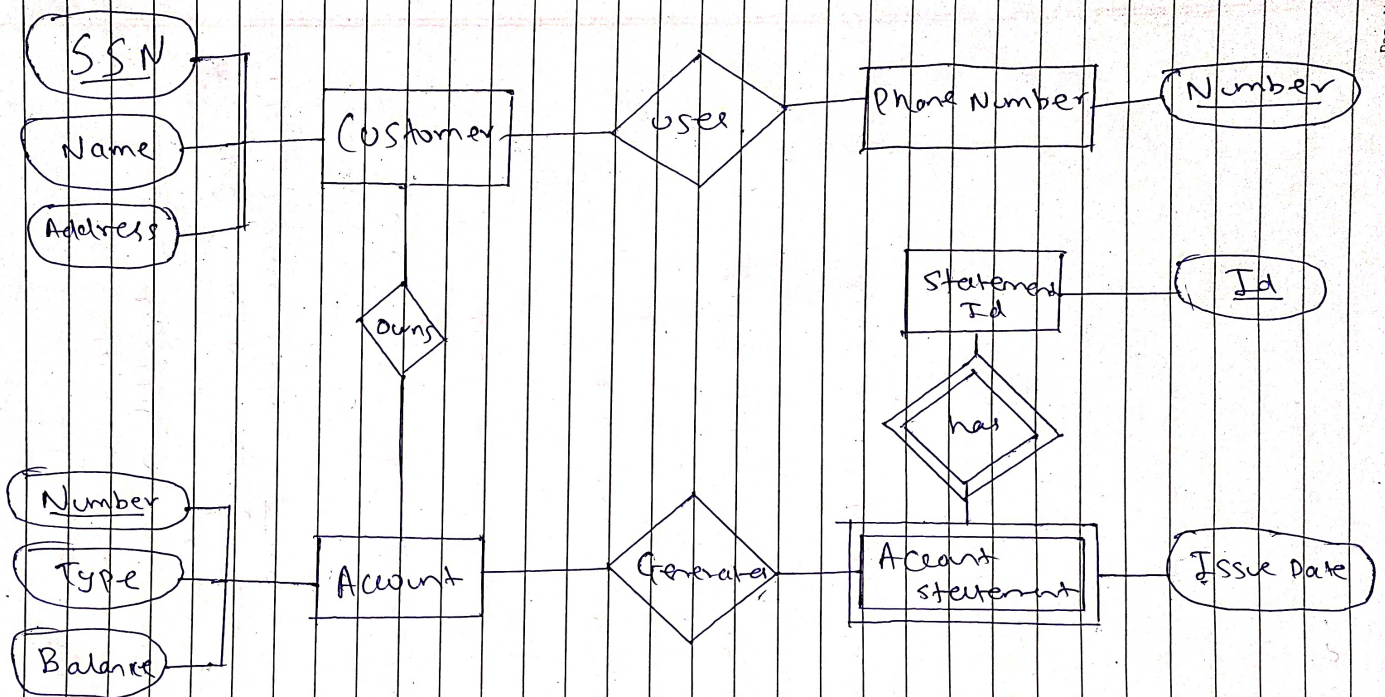
iii] The main components of E-R diagram are: entity set and relationship set.

iv] Sample E-R diagram



V] Geometric shapes and their meaning:

- 1] Rectangle: Represent Entity set
- 2] Ellipse: Attributes
- 3] Diamond: Relationship set
- 4] Lines: Linking attribute
- 5] Double Ellipse: Multivalued attribute
- 6] Double Rectangle: Weak Entity set



E-R diagram for Customer branch and Account relationship