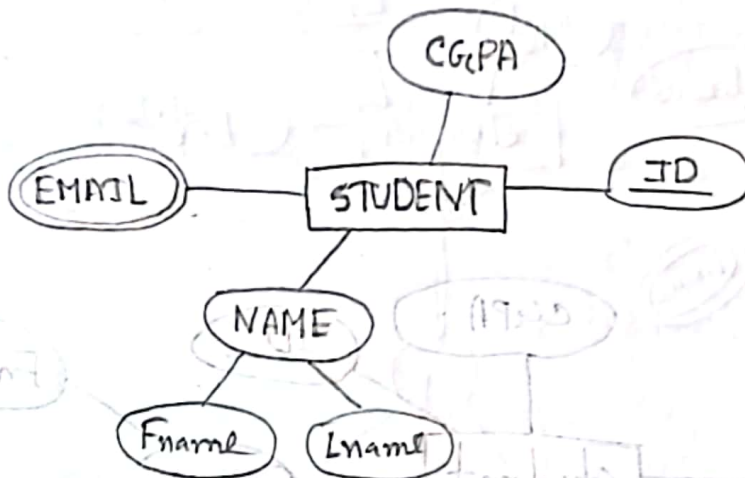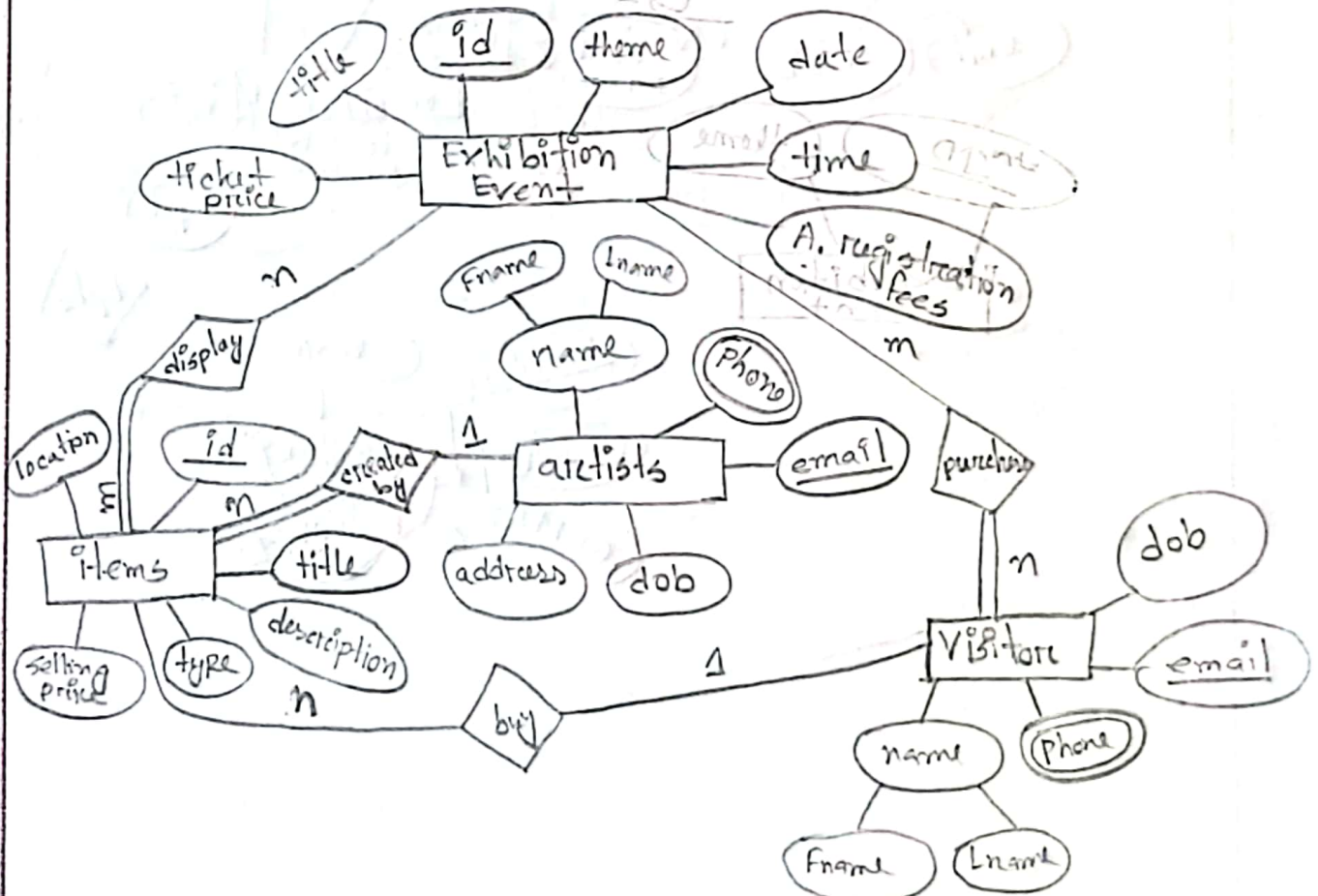NAME: TABNJA TABASSUM
ID: 22301725
SEC: 01

Ans to the Q no-1

Ans to the Q no-2

Assumptions:

[a] Artists can have multiple phone numbers

[b] Artists name can be composed by first and last name

[c] Visitor can have multiple phone numbers.

[d] Visitor name can be composed by first and last name.

ER Diagram:

Animals entity with attributes: id, type, breed, date found

employee entity with attributes: id, name, email, Phone

Animals connects through "d" specialization to: pets, Sick, Police dog

pets attributes: name, tag number, date.o.A

Sick — have (n..m) — Medical issue

Medical issue attributes: type, date of recording, description, list of medicine (name, dosage)

Police dog — train (n..1) — treaninng, with date, time

employee connects through "d" specialization to: vets, administrators, treanins

pets — adopt (1..n) — Customers

Customers attributes: name, nationalid, Phone, Address

Customers — referred (1..n)

Assumptions

- Customers can have multiple phone numbers

- 1 customers may refferued many customers

- employee can have multiple phone and e-mail address.

- without pets customer have nothing to do, so it have total participation

- without police dog trainer have nothing to do, so it have total participation.