**Apex Trigger**

**Type:** After - Before

**Event**: insert-update-delete-undelete etc

**Contact Variable:** Trigger.new - Trigger.old - trigger.newMap - trigger.old

1.) Before Trigger :- Field update on same Object, Validation

i.) Before Insert

ii.) Before Update

iii.) Before Delete

2.) After Trigger :- Automation

i.) after insert

ii.) after update

iii.) after delete

iv.) after Undelete

Context Variable :- RUn time variable :-

i.) Trigger.new

ii.) Trigger.old

iii.) trigger.newMap

iv.) trigger.old

Exam :- while creating account record if rating is hot then Industry field must be update as Banking.

User Action :- while creating account record if rating is hot .

Trigger Action :- Industry field must be update as Banking.

sObject Name :- Account :- User Action Object

Trigger Type :- Before Trigger

Trigger Event :- Before Insert :- User Action

Context Variable :- trigger.new (List<Account>)

Exam :- Write a trigger to maintain the total number of contacts over the account account.

User Action :- COntact

Trigger Action :- Account

Trigger :- After Trigger

Event :- After insert, after delete, after undelete, after update.

Example :- While creating an account record if Rating is Hot and Ownership(field) is public then 1 child Opportunities record should be created as the same name of account name.

User Action :- While creating an account record if Rating is Hot and Ownership(field) is public.

Trigger Action:- 1 child Opportunities record should be created as the same name of account name.

sObject :- Account :\_ User Action

Trigger Type :- After Trigger :\_ User Action

Trigger Event :- It is Depends upon User Action :- After Insert