Q1.

Public class Television

{ void changeChannel()

//Implementation

{

}

Void adustVolume()

{ //Implementation }

Void otherFeatues()

{ //Implementation }

The above ascribes are the fundamental things that are presented to the clients to utilize it and the undesirable highlights like television machine, associations are hidden(not presented to users).Here stations, volume keys ,screen , link switches are uncovered piece of TV which behaves like reflection.

Q2.

class Hospital{

public class {

patient;

}

public createPatient\_id(){}

public addPatientdetials(){}

public deletePatient(){}

}

The previously mentioned are the qualities for medical clinic. At first when an individual visits a clinic their subtleties are given to the secretary. Secretary will share the subtleties to the specialist, the data is simply known to the specialist no one else will get to be aware of it. The specialist looks at the individual and gives some clinical therapy, to analyze the issue some clinical trial should be possible yet the reports or about the patient isn't known to other people. Which fulfills the state of epitome i.e., Mix of information stowing away and deliberation.

Q3.

class Trafficsignal{

public void lightOn(){}

public void lightOff(){}

}

class Red Light extends Trafficsignal{

public void stop(){}

}

For the Entity **Traffic Signal,** there will be three indicators those three come into play for three different situations. “Red” signal indicates that the vehicle should stop. “Yellow” signal indicates the vehicle to slow down and be ready. “Green” signal indicates to Go. Based on the colour indications the traffic signal have many forms.

Q4

class Broadband connection{

data;

bandwidth1(){}

bandwidth 2(){}

}

class Derived extends Broadband Connection{

bandwidth 3(){}

}

In Expansive Band Association, envision planning a class to make wide band associations like airtel, Vodafone, jio and so on. All wide band objects have similar properties and ways of behaving. They can give great web, switch, modem and so on. Rather than making these classes independently an overall expansive band class with every one of the qualities and ways of behaving of a wide band can be utilized to show all wide band protests, different classes then acquire or are made on the superclass characteristic and techniques.

Q5.

Static attributes of mobile phone are: Battery, RAM, Display inch, camer

Dynamic attributes of mobile phone are: wallpaper, ringtone, alaram, applications that are necessary.