A mobile ecosystem consists of different operators, networks of devices How the knowledge of this will help in improving mobile based applications design.

Ans:

Mobile Ecosystem

- It is a collection of multiple devices, softwares, companies, etc. and the process by which data is shared by a user from one device to another device or by the device little based on some programs.
- Data sharing can be done among devices of the same operating system or different operating systems.
- Data can be also shared between multiple devices with the same operating system. Eq. Apple Ecosystem.

- Mobile ecosystem layers

- 1 Operator
- 1 Network
- 3 Denices
- 4 flatforms
- (5) Operating system.

1 Operator

- The base layer in the mobile ecosystem.
- Operators can be referred to as mobile Network Operators (MMU)
- Operators are what essentially make the entire mobile ecosystem work.
- They are the gatekeepers to the kingdom
- The operators role in the ensystem is to create and maintain a specific set of wireless services over a reliable cellular network

1 Network

- Operators operate wireless networks
- Remember that cellular technology is just a radio that receives a signal from antenna.
- The type of radio and antenna determined the capability of the network and the services you can enable on it.
- EDGE for 2G date and UMTS/HOPA for 3G

3 Devices

- Derices la mobile (nouser are considered) as handself terminals.
- These are terms that are becoming outdated with the emergence of wireless devices that rely on operator networks, but do not make phone calls.
- Eg. mobile phones
- These components of a mobile ecosystem along with rest are reliant on each other and the knowledge of there is very essential for creating a seamless and end-to-end user experience

Q. Mobiles are considered 7th mass media. How is it entering the remaining 6 mass media?

Ans!

- mobiles are considered as the 7th mass median.
- It is the first mass media that can do everything each of the six previous mass media can do.
- Like the internet, the phone can replicate all the traditional
- 1 First Mass Media
 - We can read printed content like newspapers, i.e. print.
- @ Second mass Media
 - Dounload Music Recordings
- (3) Third Mass Media
 - Watch movies
- (4) Fourth Mass media
 - Listen to Racko
- @ Fifth mass medla
 - Watch Television
- 6 Sinth mass Media
 - Phone can copy all of the legacy PC-based internet.
- Not all of it is as convenient or comfortable but all of it is possible on mobile (advanced hardset) today
- All of the existing inclia can be delivered vio the mobile.
- Mobile is inherently superior mass media as it adds all the elements of the previous six mass media.

Primary Window	Secondary Window
1 It is the first window which.	1) It is a supplementary window
appears on the screen when activity /action starts. (2) It represents an independent function or application.	@ It may be dependent upon a primary window or displayed independently of the primary window.
3) It is used to present information that is continually updated	3 It is used for performing subordinate, supplementary actions
1 Eq. Date 4 Time	(4) Eq. Tab options
Meny Bat	Status Bar
The is raced to organize of provide access to actions (2) Located horizontally at the top of the window (3) It contains a list of topics	1) It is the area where information of use of the user can be found. 2) May be located at the top of screen in some platform or at the screen's bottom.
are displayed on a pull down	app for user is displayed here
Overlapped Windows - It may be placed on top of one another like papers on a disk. - They possess a 3D quality, appearing to lie on distant planes. - Size of the overlapping window can be altered. Location as well as plane of the windows is user controlled.	Carcading Windows The is a special type of Overlapping window. The has the window automatically arranged in a regular progression Each window is slightly offert from others. No window is ever completely hidden Bringing any window to the front is easier. The provides simplicity in

- It provides simplicity in visual presentation and cleanness.

and commaning musages, words, images and icons?

Ans:

- 1 Status Message
 - It is used to provide information relating to the progress of a lengthy operation.
 - It provides the progress of a function using an indicator and short message describing the type of operation being performed
- @ Information Message
 - It provides information about the state of the system when it is not immediately obvious to use
 - It is used to provide feedback when normal feedback
- 3 Warning Message
 - It calls for an action for a particular situation or state of activity being processed
 - It also drives the user's immediate attention for an undesired situation.
- @ Words
 - minimal use of words should be done that calls the aftention of the user.
 - THE should avoid usage of words in general of use them well.
- 3 Images
 - Standard images can be used but image internalization should be possible.
 - Distinguishing navigational images from decorative images is required
 - We should minimize number of presented images of size of image & binimation used in images.
- 6 Icons
 - They are images used to reflect the idea about object icons.
 - They are often used to represent objects and actions with which users can interact or manipulate.
 - They may separate on a deaktop or in a window or be clubbed together in a toolbox.
- All these different elements will improve the usability of the application for the user to have a sich experience