

Course : 0553T / Multimedia System
Year : 2015

REVIEW I

Session 07

OUTLINE

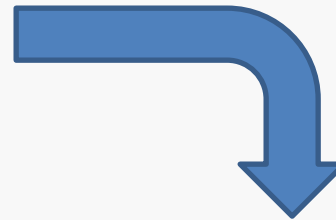
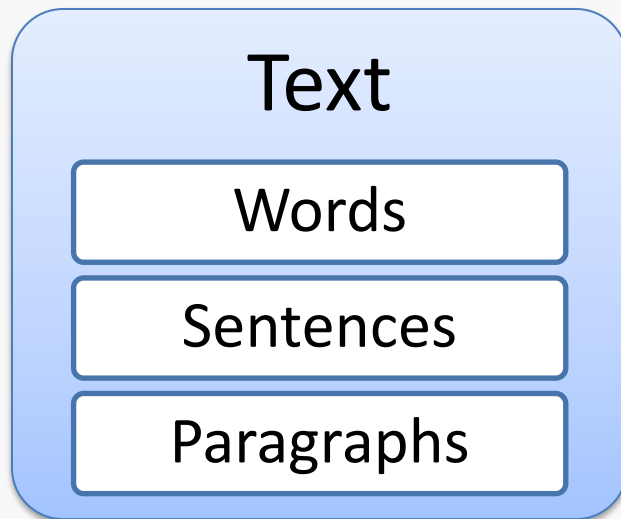
- Basic Principles of Multimedia
- Text
- Images
- Sound
- Animation
- Video

Basic Principles of Multimedia

- **Multimedia :**
 - A woven combination of digitally manipulated text, photographs, graphic art, sound, animation, and video elements.
- **Interactive multimedia :**
 - End user can control what and when the element of multimedia are delivered
- **Hypermedia :**
 - There are structure of linked elements in the interactive multimedia through which the user can navigate

Text

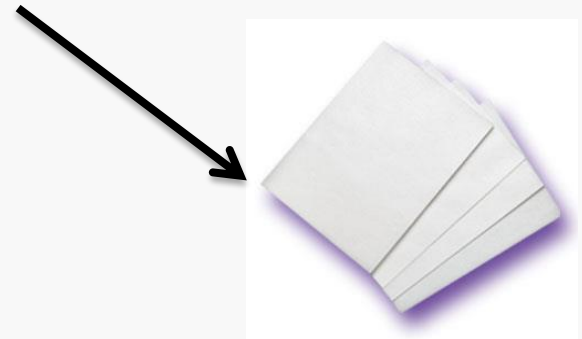
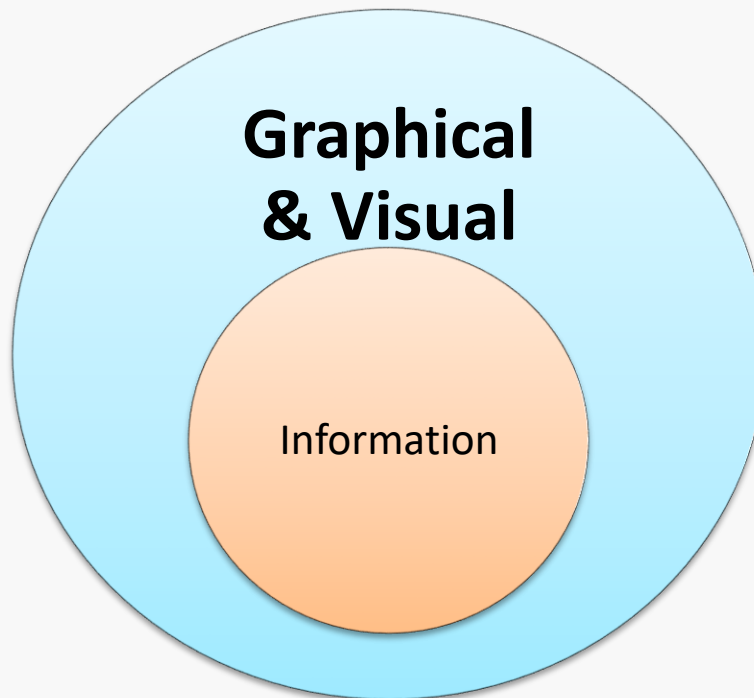
- Basic media for many multimedia systems



is used to communicate
thoughts, ideas and facts
in nearly every aspect of our
lives

Images

- What is an Image



Sound



Rapid
vibrations



transmitted as

Air pressure
variations



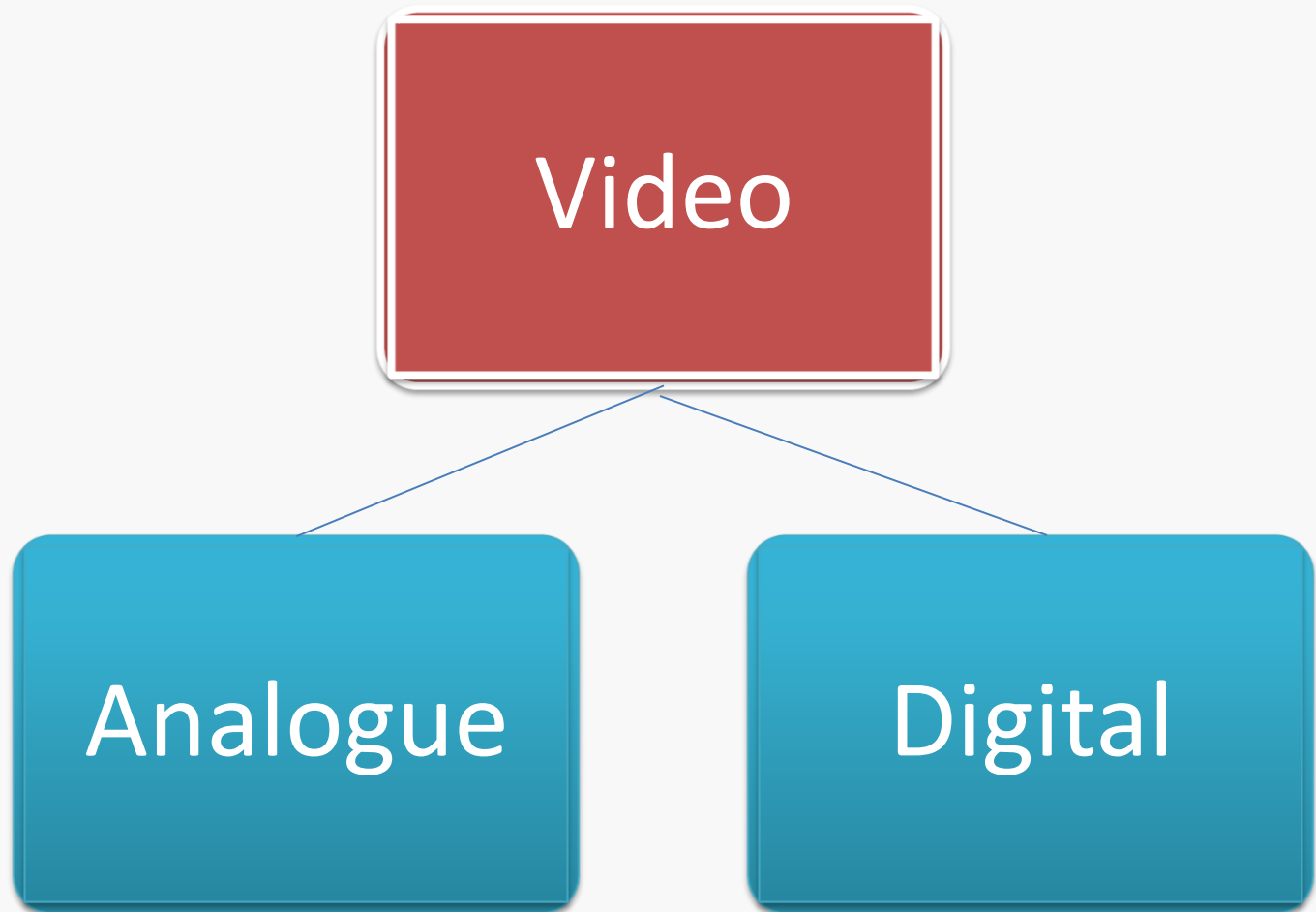
manifest as

Waveforms

Principles of Animation

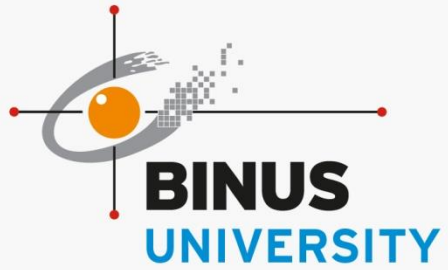
- Animation is an object actually moving across or into or out of the screen.
- Animation is the primary source of dynamic action in multimedia presentation.
- Quickly changing the viewed image is the principle of an animatic, a flip book, or a zoetrope.

Video



Exercise

- What is the basic principles of multimedia?
- Explain the definition of text!
- Describe the definition of image!
- How to generate a sound?
- Explain the principles of animation!
- There are two type of video. Explain them briefly!



Q & A