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படங்களை தொடுக! பாடசாலை வலைதளத்தை சமூக ஊடகங்களில் பின்தொடர்க!! உடனுக்குடன் புதிய செய்திகளை Notifications-ல் பெறுக!



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12th Standard	Syllabus	Books	Study Materials – EM	Study Materials - TM	Practical	Online Test (EM & TM)
	Monthly Q&A	Mid Term Q&A	Revision Q&A	PTA Book Q&A	Centum Questions	Creative Questions
	Quarterly Exam	Half Yearly Exam	Public Exam	NEET		

11th Standard	Syllabus	Books	Study Materials – EM	Study Materials - TM	Practical	Online Test (EM & TM)
	Monthly Q&A	Mid Term Q&A	Revision Q&A	Centum Questions	Creative Questions	
	Quarterly Exam	Half Yearly Exam	Public Exam	NEET		

10th Standard	Syllabus	Books	Study Materials - EM	Study Materials - TM	Practical	Online Test (EM & TM)
	Monthly Q&A	Mid Term Q&A	Revision Q&A	PTA Book Q&A	Centum Questions	Creative Questions
	Quarterly Exam	Half Yearly Exam	Public Exam	NTSE	SLAS	

9th Standard	Syllabus	Books	Study Materials	1st Mid Term	2nd Mid Term	3rd Mid Term
	Quarterly Exam	Half Yearly Exam	Annual Exam	RTE		

8th Standard	Syllabus	Books	Study Materials	1st Mid Term	2nd Mid Term	3rd Mid Term
	Term 1	Term 2	Term 3	Public Model Q&A	NMMS	Periodical Test

7th Standard	Syllabus	Books	Study Materials	1st Mid Term	2nd Mid Term	3rd Mid Term
	Term 1	Term 2	Term 3	Periodical Test	SLAS	

6th Standard	Syllabus	Books	Study Materials	1st Mid Term	2nd Mid Term	3rd Mid Term
	Term 1	Term 2	Term 3	Periodical Test	SLAS	

1st to 5th Standard	Syllabus	Books	Study Materials	Periodical Test	SLAS	
	Term 1	Term 2	Term 3	Public Model Q&A		

Exams	TET	TNPSC	PGTRB	Polytechnic	Police	Computer Instructor
	DEO	BEO	LAB Asst	NMMS	RTE	NTSE

Portal	Matrimony	Mutual Transfer	Job Portal
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Volunteers	Centum Team	Creative Team	Key Answer Team
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Downloads	LESSON PLAN	Department Exam	Income Tax	Forms & Proposals	Fonts	Downloads
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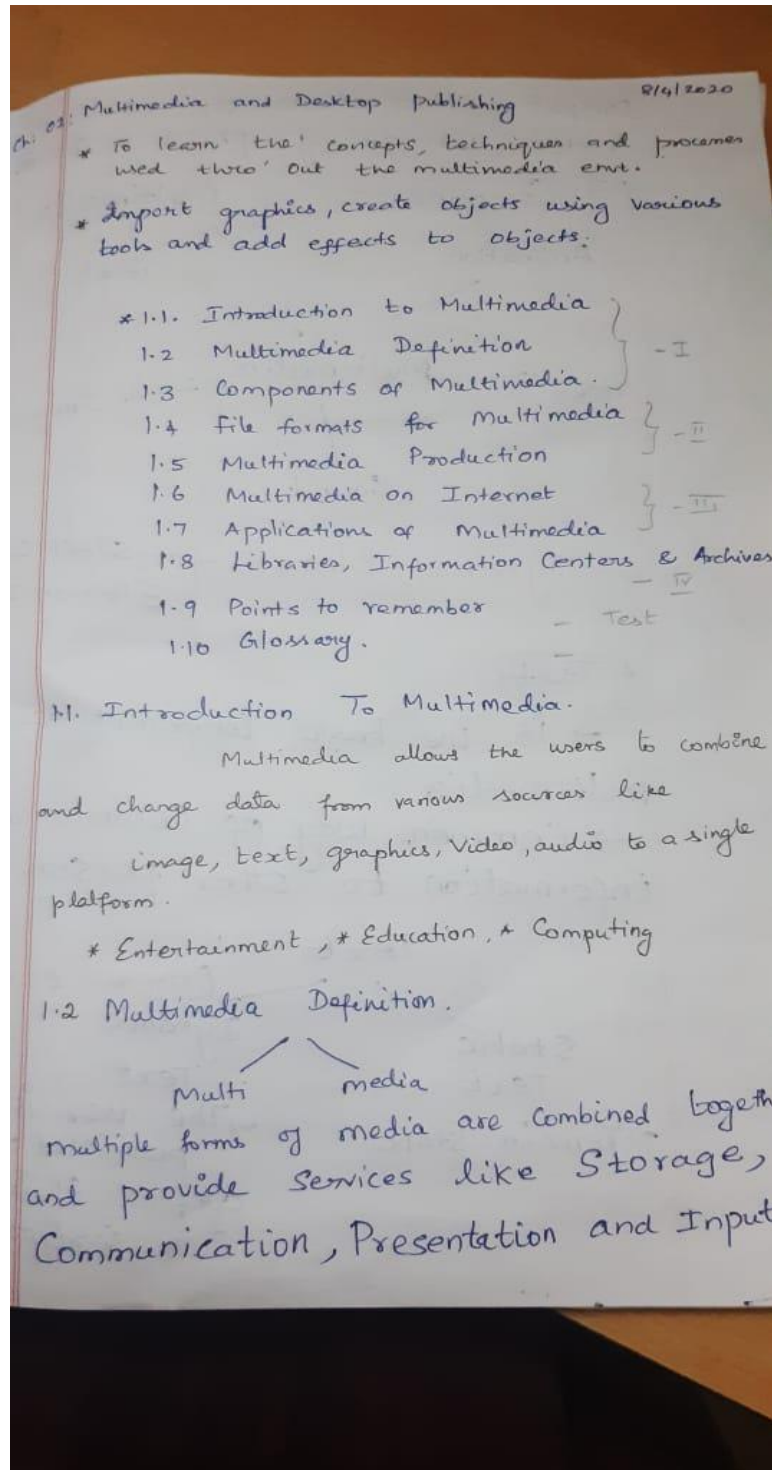
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Chapter 01: Multimedia and Desktop Publishing

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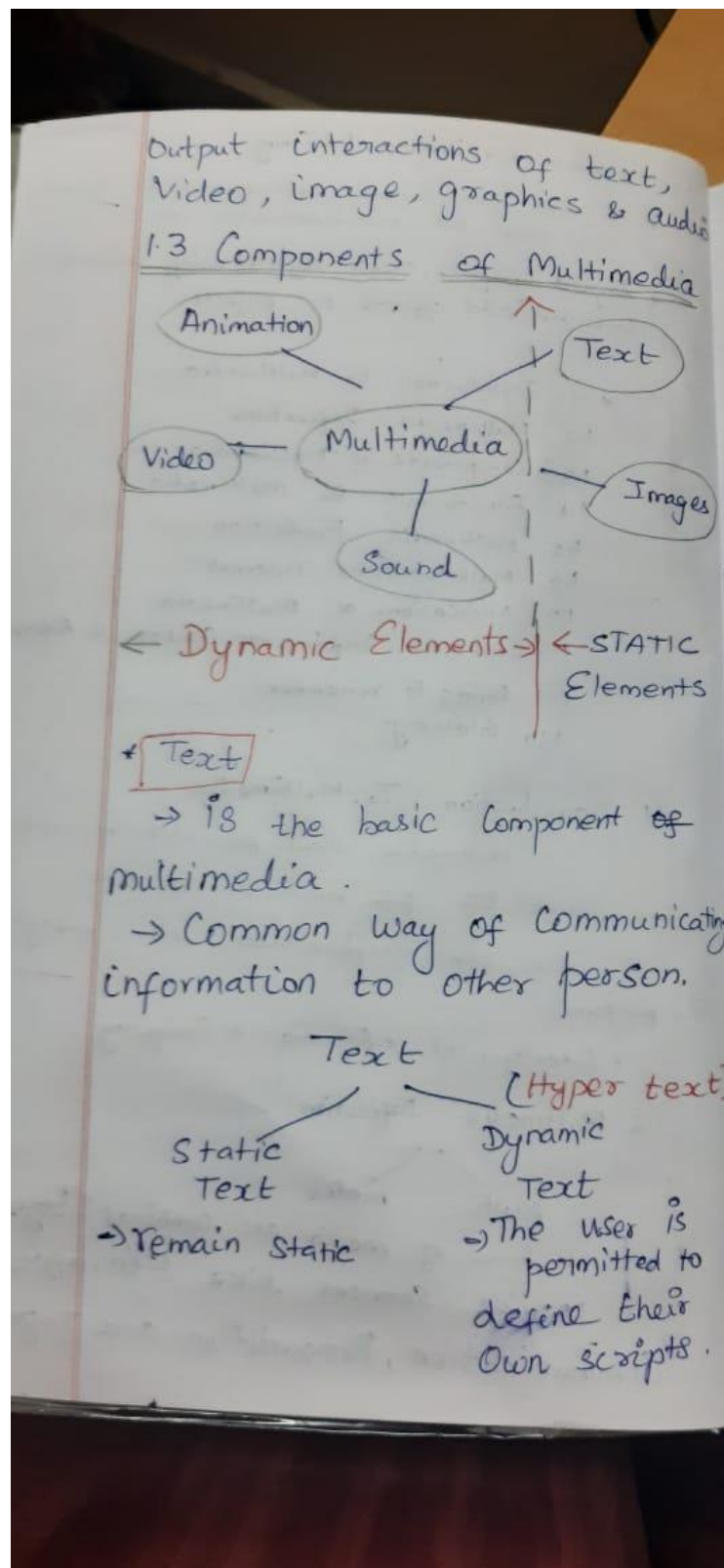


Image: Acts ^{as} a vital component in Multimedia.

* Generation of Images

Raster or
Bitmap

Vector

Image Compression: is a technique to reduce the file size useful for storing large number of Images and speeding the transmission.

eg: GIF, TIFF, JPEG.

Animation: is a process of displaying still images so quickly so that they give the impression of continuous movement.

Frame Rate:

16 frames/second $\Rightarrow$ Smoothness

25 frames/second $\Rightarrow$ Natural Looking

Two Dimensional

(x, y)

Coordinate

Three Dimensional

(x, y, z)

Path Animation

↓
Moving an object on a screen that has a constant background
eg: Cartoon character.

Frame Animation

↓
Multiple objects are allowed to travel simultaneously

1.3.4. Sound

is a meaningful speech

Decibels is the measurement of volume.

MIDI: Musical Instrument Digital Identifier

is a flexible tool for composing the projects in multimedia.

⇒ Synthesizer software is essential

Digital Audio:

Sampled Sound is a Digitized (audio) sound.

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Sample :

A Sample of a sound is taken and stored every n^{th} fraction of a second as digital information in bits and bytes.

Video is defined as the display of recorded event, scene etc.; Powerful way to convey information in multimedia appln.

Video is divided into two types:

- Analog Video**
Video data's are stored in any non computer media
- Digital Video**

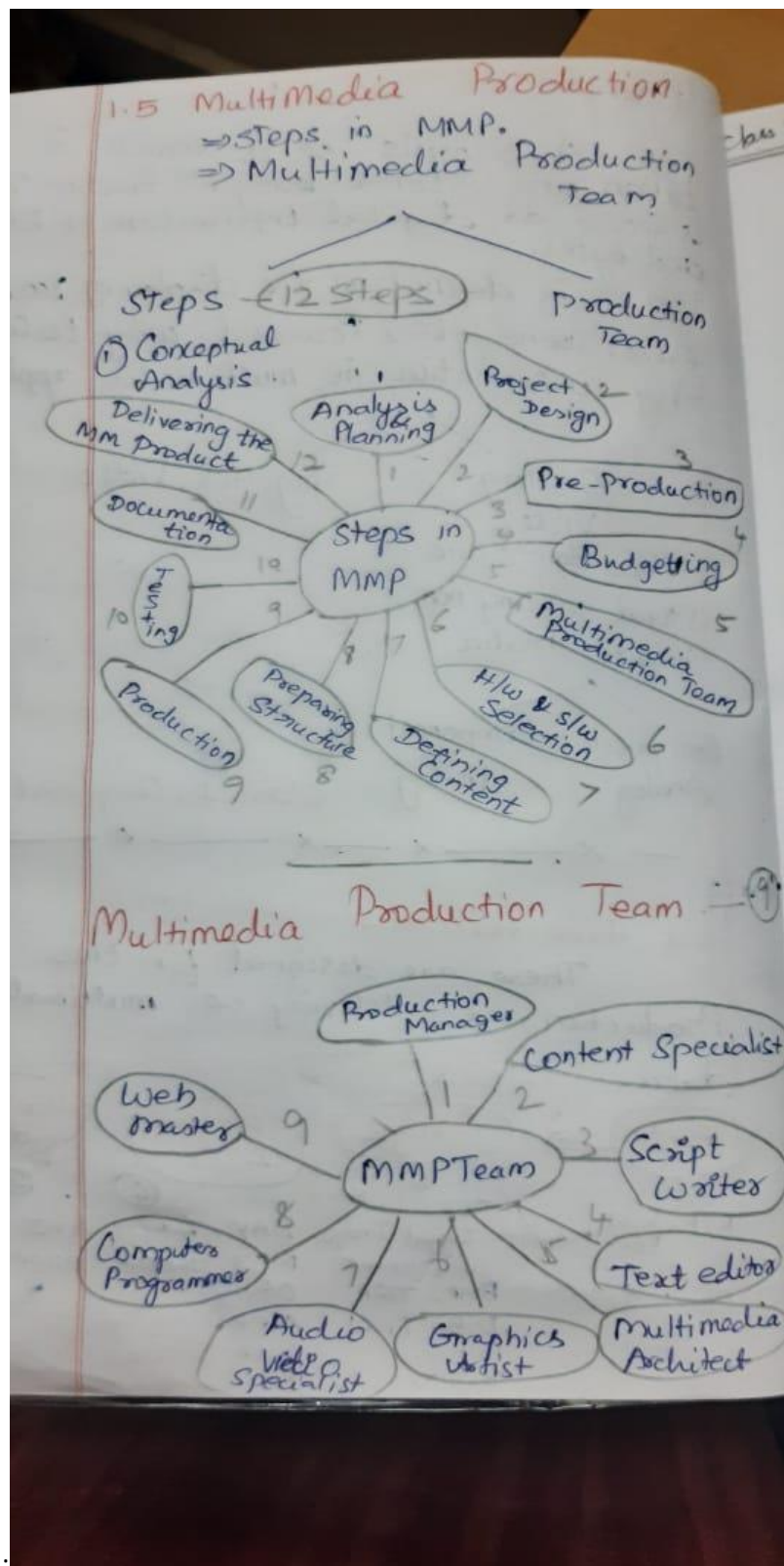
Class 1 : Completed.

Class 2 :

1.4 File formats

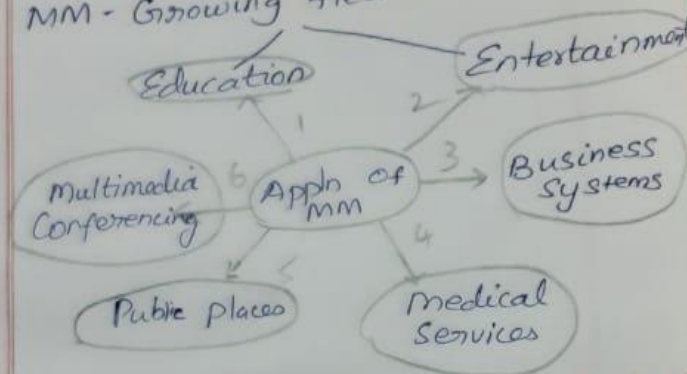
These are designed for the Production and delivery of multimedia data.

Text	Image	Digital Audio	Digital Video
RTF - RICH TEXT FORMAT Plain Text	TIFF Tagged Image File format BMP, TGA DIB, PNG GIF, JPEG	WAV, MP3, OGG, AIFF, WMA, RA	AVI, MPEG



1.6 Multimedia On Internet
 many Applications have been developed with the Integration of Internet and Multimedia like maps, blogs etc.

1.7 Applications of Multimedia.
 MM - Growing field in IT. - (6)



1.8 Libraries, Information Centers and Archives.

Library: The function of library is to organize, collect, preserve and disseminate information to users.

