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Chapter 9th
Audio and Video Editing

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PART – A

Que: 1 Multiple Choice Questions:

1. **In order for the Computer to play Audio files different _____ are required.**
   a. **Video Codecs**   b. **Audio Codecs**   c. **Both a & b**   d. **None**

2. **_____ format is a common Audio format that is played extensively on electronic devices.**
   a. **wma**   b. avi   c. **mp3**   d. cda

3. **Audio files are stored on the Audio CD in _____ format.**
   a. **Flv**   b. aac   c. mov   d. **cda**

4. **The effect applied between video clips is called _____.**
   a. **Sound**   b. video   c. **video transition**   d. photo

5. **The process of divding the video into sections is called _____.**
   a. **Merging**   b. **splitting**   c. compressing   d. decompressing.

Ques: 2 Write True or False:

1. **The process of making a movie is divided into five stages.**   **(False)**
2. **Video editing works with only one video clip.**   **(False)**
3. **Merging a video means splitting the clip into several parts.**   **(False)**
4. **It is advisable to save the project before starting the process of exporting video file.**   **(True)**
5. **MPEG-4 video format uses different compression for audio and video tracks.**   **(True)**

Que : 3 Write the Full Forms of the following terms:

1.	mp4	:	MPEG Layer 4
2.	mp3	:	MPEG Audio Layer
3.	wmv	:	Window Media Video
4.	flv	:	Flash Video
5.	avi	:	Audio Video Interleave

PART – B

Ques : 4 Very Short Answer Type Questions:

Q:1 Write the names of three stages of making a movies.

Ans: (i) Pre-Production

(ii) Production

(iii) Post- Production

Q:2 Write down the names of three video editing software.

Ans: (i) Window Movie Maker

(ii) Open Shot

(iii) Adobe Premiere Pro

(iv) Kine Master

(v) Splice

Q:3   What is cd ripping ?

Ans: The process of Copying Audio files from Audio CD to computer is called cd ripping.

Q:4   What are Codecs?

Ans: Codecs are files that enable software to play different audio file formats. It is used to compress and decompress the digital media file.

Q: 5   What is Video Split?

Ans: Video Split means to divide a longer video into several parts.

Ques : 5 Long Answer Type Questions:

Q:1 How export video is different from the save project?

Ans:

Export Video	Saving a Project
1. Export video will change the data to another format so that another application utilize its contents.	1. Save Project command will keep the file record by saving the document with a file name in a given particular format file extension.
2. This command is used once when you create a video	2. This command is used regularly when you create a video.
3. This is the final step when we have finished editing.	3. This is important to save a video or audio file before exporting it.
4. Selection related to resolution , quality and format are done in this step.	4. No selection related to resolution ,quality and format are done while saving a project.
5. The exported file cannot be edited back.	5. Saved project can be opened and edited again and again.
6. Exported video files can be played in many video players.	6. Saved projects can be opened in the same software only.

Q:2 What are tracks?

Ans: A track is a data storage ring that is capable of storing information. It is a place which shows imported/added video in any video editing software or project. Tracks are managed as per the sequence and nature of media. Track is further splitted in two parts: -

1.Visual Track

2.Audio Track

1. Visual Track :- The visual part shows a video file including an audio file .Some times audio and video parts put on different video and audio tracks . We can use different tracks for different audio and video parts. All video editing software provide separate tracks for audio and video and we can add as many tracks as we need. Tracks can be very useful when we need to edit audio and video for a particular part. It is not possible to put two clips on the same track in one place. If we want to include audio in our video as well as we need to use more than one track. When we work with many types of media like audio, voice-over and videos it is a useful, efficient and easy way to use different tracks for all types of media. The number of tracks depends on the video editing software. The best video editing software allows the use of unlimited tracks.

2.Audio Track:- Audio track represents sound/voice .Audio editing or audio effects are given on this track.

Q 3) Explain the video transitions?

Ans. Video transition controls how a video clip will get displayed after a video clip or picture has been played.This effect is implemented between two objects.We may apply transitions between two pictures,video clips or titles that have been added in the story board timeline.Transition runs after the end of one clip and before the beginning of next clip,but many transition effects can also be overlapped.We have to apply transition effects on the media files added in the tracks.Transition time can also be set as required.

Q 4) Write about the audio converter in detail ?

Ans. There are many audio file formats that can be played on a computer or other devices.Each format can be somehow better than other.As we all know that mp3 (MPEG AUDIO LAYER 3) format is a common audio format that is widely played on electronic devices including mp3 players,mobiles,tablets and more.

A software that is used to convert one audio file format to another is called audio converter.this software requires codec to complete this conversion.If audio file cannot be played on the computer then one of the 3rd party codec packs,wich are available free of charge on the internet,can be used.

Some of the most popular audio converter software are : Xilisoft Audio Converter,Switch Audio Converter, Ashampoo music studio,Format Factory,Freemake audio converter and Fre:Ac

Codec: Codec is a file or program used to compress And decompress a digital media file.The Codecs can be divided into two parts: the encoder and decoder.

CD riping : Songs on audio CDs are stored Compact Disc Audio format in tracks, and these tracks are used when playing the audio CD and play audio of very good quality.

Encoder Settings: Audio encoder is a program or file that helps to play an audio file format correctly and to convert to another format.The encoder is the part of codec.The encoder uses algorithm in a special way to encode.

There are generally two types of audio converter:

(a) That uses Lossy Compression
(b) That uses Lossless Compression

Q 5) Write detail :Storyboard,timeline,titles ?

Ans: Storyboard :-It is a panel of pictures or other video clip to make a story of movie.It shows the sequence of photos and videos clip that will be shown in the movie.We can rearrange the pictures or videos by dragging them in the storyboard.

Timeline :- It is used to edit the timing of clips in our project.Audio clip that we added to our movie project are not displayed on the storyboard.They can be displayed in the timeline panel.In the timeline view ,we can also trim clips and add effects,titles,transition and audio.

Title:-Titles help us to make our movie better by adding text based caption to the movie. We can include titlesin the movie to indicate any type of information,such as the movie name,release date,actor names,etc.we can also apply information effects on the titles to make a movie more attractive.