DIPLOMA IN COMPUTER ENGINEERING

CENTRALIZED QUESTION BANK

4052652 - Multimedia Systems Practical

DIRECTORATE OF TECHNICAL

EDUCATION GOVERNMENT OF

TAMILNADU

DIPLOMA END SEMESTER / YEAR EXAMINATION – 2023

Course : Computer Engineering

Subject : Multimedia Systems Practical   **QP Code :** 4052652

Time   : 3 Hours   **Date :**   **Session:**   **Max Marks:** 100

ANSWER THE FOLLOWING QUESTIONS

1.   Use a audio processing software and perform the audio editing tasks – Import audio, select and edit the sound, create fade-in and fade-out effects, label audio segments, use noise remove filter, mix multiple sound sources, change stereo to mono tracks, export audio to different format and save.

2.   Use a video processing software to perform – Trim video clips, rotate video, merge video, split video, add titles, add special effects and edit video dimensions, bit rate, frame rate, sample rate, channel.

3.   Create a movie from video clips to demonstrate – Audio-Video mixing, add music, video effects, video transition and titles.

4.   Use suitable software and perform a) compress / decompress audio / video files. b) Convert audio/video to different format.

5.   Use a scanner to create two or more partial scanned images of large poster/photo. Create a panoramic view of multiple photos by stitching together them using any panorama software.

6.   Develop a web page which shows animation with sound effect using any professional HTML editor.

7.   Convert the given image into pencil sketch using suitable photo editing software.

8.   Design a certificate for sports day with different text effects using suitable software.

9.   Import any two pictures, Morph, Merge and Overlap those two pictures.

10.   Draw the raindrop that falls on the ground. Show the splash effect and sound effect using suitable software.

11.   Create a moving cloud animation using any animation software.

12.   Create a 2D animation using motion guide layer and masking.

13.   Create a 2D animation of an aeroplane take off using suitable software.

14.   Design a metallic text using 3D animation tool

15.   Import an image with green screen background. Change the background of the imported image with required image using chroma key technique.

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audio, select and edit the sound, create fade-in and fade-out effects, label audio segments, use noise remove filter, mix multiple sound sources, change stereo to mono tracks, export audio to different format and save.

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