# DIPLOMA IN INFORMATION TECHNOLOGY

## CENTRALIZED QUESTION BANK

## 4052652 – Multimedia Systems Practical

## DIRECTORATE OF TECHNICAL

## EDUCATION GOVERNMENT OF

## TAMILNADU

# DIPLOMA END SEMESTER / YEAR EXAMINATION – 2023

**Course** **:** Information Technology

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

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

## ANSWER ALL THE QUESTION

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 for mat 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 demons trate–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 webpage 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 Over lap those two pictures.

10. Draw the raindrop that fall son the ground. Show the splash effect and sound effect using suitable software.

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

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

13. Design a metallic text using 3D animation tool

14. Import an image with green screen back ground. Change the back ground of the imported image with required image using chroma key Technique.

## DETAILED ALLOCATION OFMARKS

| | |
|---|---|
| Procedure/Program | 45Marks |
| Execution | 40Marks |
| Result with printout | 10Marks |
| VIVA–VOCE | 5 Marks |
| TOTAL | 100Marks |