

Seat No.: _____

Enrolment No. _____

GUJARAT TECHNOLOGICAL UNIVERSITY

BVOC- SEMESTER- II EXAMINATION – SUMMER 2023

Subject Code:1120204

Date:21-07-2023

Subject Name:Multimedia Tools & Applications

Time:10:30 AM TO 12:30 PM

Total Marks:50

Instructions:

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. Simple and non-programmable scientific calculators are allowed.

		Marks
Q.1	(a) Define Multimedia. List and explain elements of multimedia in detail.	05
	(b) Explain different types of text. Also explain attributes of text.	05
Q.2	(a) Explain following terms: Phaser, Expander, Pitch Shift, Flanger, Amplify	05
	(b) List Types of Sound/Audio effects in multimedia. Explain any two of them in detail	05
	OR	
	(b) Explain any two sound card standards.	05
Q.3	(a) Explain RGB and CMYK Color Models.	05
	(b) Give the difference between: a. Vector Graphics vs. Raster Graphics b. Regular Graphics vs. Interlaced Graphics	05
	OR	
Q.3	(a) How can you apply various effects on images using layers, channels and Masks?	05
	(b) Explain various Image Capturing methods in details	05
Q.4	(a) Give the difference between analog video and digital video	05
	(b) State features and limitations of AVI video file standards.	05
	OR	
Q.4	(a) Give the difference between lossy and lossless video compression.	05
	(b) How can we record and edit videos using adobe premiere?	05
Q.5	(a) Explain 2D Animation and 3D Animation with suitable example.	05
	(b) Explain Character Animation and Text Animation in detail.	05
	OR	
Q.5	(a) Explain various multimedia authoring tools.	05
	(b) Write a short note on Morphing.	05
