

GUJARAT TECHNOLOGICAL UNIVERSITY**Diploma Engineering - SEMESTER-V • Examination – WINTER • 2014****Subject Code: 3350705****Date: 04-12-2014****Subject Name: Multimedia and Animation Techniques****Time: 10:30 am - 01:00 pm****Total Marks: 70****Instructions:**

1. Attempt all questions.
2. Make suitable assumptions wherever necessary.
3. Figures to the right indicate full marks.
4. English version is considered to be Authentic.

- Q.1** Answer any seven out of ten. **14**
1. What is .BMP and .PNG graphic file format?
 2. Distinguish aliased text and anti-aliased text.
 3. What is animation? Give different types of animation.
 4. What is variable in ActionScript? Describe naming convention of variable.
 5. What are the uses of Photoshop?
 6. What is Symbol and Instance in Flash?
 7. Explain posterize in Photoshop.
 8. Explain eraser tool in Flash.
 9. Explain spot healing tool in Photoshop.
 10. How to apply label to frame in Flash?
- Q.2** (a) What is transform in Photoshop? Explain in brief. **03**
OR
- (a) What is tolerance and opacity? **03**
(b) Differentiate bitmap graphics and vector graphics. **03**
OR
- (b) Explain pen tool and rectangle tool in Photoshop. **03**
(c) Explain features of layers in Photoshop. **04**
OR
- (c) What is Color Mode in Photoshop? Explain RGB Color Mode. **04**
(d) List different types of layers in Photoshop. Explain any two of them. **04**
OR
- (d) Explain Blur and Dodge tool in Photoshop. **04**
- Q.3** (a) Explain Frame rate and Resolution in Flash. **03**
OR
- (a) How to set layer properties in Flash? Explain in detail. **03**
(b) Explain common library in Flash. **03**
OR
- (b) Write steps to create a basic Frame-by-Frame animation in Flash. **03**
(c) Describe color swatches and color mixer in Flash. **04**
OR
- (c) Explain text editing and special effects in Photoshop. **04**
(d) Describe PAL and NTSC standard. **04**
OR
- (d) Explain Action panel in Photoshop. **04**
- Q.4** (a) What is scene in Flash? Create and organize scene in Flash. **03**
OR
- (a) Explain Flash Timeline. **03**
(b) How to create associative array and loop over array in ActionScript. **04**
OR

	(b) Explain different methods to add and remove elements from an array in ActionScript.	04
	(c) What is ActionScript? When to use it? Give merits and demerits of it.	07
Q.5	(a) Explain LoadMovie and UnloadMovie in ActionScript.	04
	(b) Explain sound file in Flash.	04
	(c) Explain different Flash symbol types.	03
	(d) How to add an Action to button in ActionScript.	03
