

**STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI – 600 086**  
**(For Candidates admitted during the academic year 2023-2024)**

**P.G.D.C.S. EXAMINATION – NOVEMBER 2023**  
**FIRST SEMESTER**

**PAPER : DESIGN THINKING**  
**SUBJECT CODE : 23CS/DC/DT13**  
**TIME : 1 ½ HOURS**

**MAX. MARKS: 50**

**SECTION - A**

**ANSWER ALL THE QUESTIONS. (5x2=10)**

1. What are the two types of graphics? Give examples
2. Define transformation.
3. What is the use of blending modes?
4. How to create textures in GIMP?
5. Define animation.

**SECTION - B**

**ANSWER ANY FOUR OF THE FOLLOWING QUESTIONS: (4x5=20)**

6. Explain the five main components of GIMP environment.
7. What is masking? Write the steps involved in creating a text masking effect.
8. Discuss about the different selection tools in detail.
9. Write a short note on the properties of text tool.
10. What do you mean by cropping an image? Explain the steps.
11. Write in short about two transformation techniques in GIMP.

**SECTION - C**

**ANSWER ANY TWO OF THE FOLLOWING QUESTIONS: (2x10=20)**

12. Discuss the features and applications of GIMP in detail.
13. Describe in detail about layers in GIMP with an appropriate example.
14. What are filters in GIMP? How do you make use of filters in GIMP?

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