PERFORM GRAPHIC DESIGN
CAT 2 (40 Marks)

1. Jackson was learning about computer graphics in his introductory class and came across the following two terminologies. Define the terminologies.
   a) Persistence (2 Marks)
   b) Computer Graphics (2 Marks)

2. Erick realized that most graphic designers preferred using vector graphics. Explain ONE advantage of using this kind of graphics over other graphics. (2 Marks)

3. While collecting client specification, Selina realized that she had to use bitmaps for her project. Outline THREE reasons for her choice. (4 Marks)

4. Laser printers are commonly used to publish graphic designs. List FOUR advantages of using this type of printer over other printers (4 Marks)

5. Graphic design requires both software and hardware components. List TWO components required in;
   a) Software (2 Marks)
   b) Hardware (2 Marks)

6. Dominance and priority are key principles in graphics that help create effective and visually appealing compositions. Define the TWO principle as used in computer graphics. (4 Marks)

7. In graphic design, superscript and subscript are types of typographical elements used to adjust the positioning of text characters relative to the baseline. Differentiate between the two elements. (4 Marks)

8. Access time per pixel is the time it takes for a system to retrieve and display single pixel on the screen. Differentiate between high access time and low access time. (4 Marks)

9. Pulin a graphic design student at Oldonyo technical wanted to design a wedding card for his friend. Outline THREE graphic design tools which would help him to accomplish this task. (3 Marks)

10. During a practical exercise, Clinton was tasked with removing an image background using adobe Photoshop. Outline the procedures on how he would accomplish the task. (4 Marks)

11. Outline THREE types of printing techniques used in graphic design (3 Marks)