

## PERFORM GRAPHIC DESIGN

### CAT 1

#### INSTRUCTIONS:

- ✓ *CAT 1 exam must be submitted on **Thursday, 9th October 2025** by **5:00 PM***
- ✓ *Late submissions will not be accepted unless prior arrangements have been made and approved by the lecturer.*
- ✓ *Each student is required to work independently. **Copied, identical, or suspiciously similar answers will attract severe penalties, including. Deduction of marks, Nullification of the CAT.***
- ✓ *You are encouraged to research and express answers in your own words.*
- ✓ *Answers should be well organized, clear, and concise.*
- ✓ *For any clarification, contact your lecturer at **least 24 hours** before the submission deadline.*

#### QUESTION ONE (26 MARKS)

- a) What is Typography? **(2 Marks)**
- b) In graphic design, various elements are essential in creating visually appealing and effective compositions. These elements work together to convey messages, evoke emotions, and communicate ideas. Outline SIX elements used in graphic design. **(6 Marks)**
- c) When creating and editing images, one has to consider image manipulation. List FOUR techniques used in image manipulation. **(4 Marks)**
- d) What is graphic design? **(2 Marks)**
- e) Layers are essential for arranging and modifying various aspects in an image and are used extensively in image processing. Mention FIVE effective uses of layers. **(5 Marks)**
- f) Photographers and graphic designers who want to make sure their work fits different standards and is easily shared or printed should be conversant with a number of industry-standard file formats and export options. Identify THREE standards in JPEG. **(3 Marks)**
- g) Raster images and vector images are two fundamentally different types of digital images,

each with its unique characteristics. Differentiate between the raster images and vector images. **(4 Marks)**

### **QUESTION TWO (20 MARKS)**

- a) When using typographic tools to build dynamic layouts, common mistakes can have a negative effect on readability and overall design. Explain FIVE of those common mistakes. **(10 Marks)**
- b) Choosing the best graphic design software for a given project or design assignment requires taking into account a number of variables. Discuss any FIVE variables you should consider. **(10 Marks)**

### **QUESTION THREE (14 MARKS)**

- a) Joseph a student in a national polytechnic wants to develop a graphic design on his t shirt. Examine any FIVE principles he should consider during the design. **(10 Marks)**
- b) An understanding of anatomy can significantly impact and plays a critical role in graphic design. Discuss any FOUR roles of anatomy in the graphic design. **(4 Marks)**