

061306T4CSC

COMPUTER SCIENCE LEVEL 6

ICT/OS/CS/CR/11/6

Understand Graphic Design

November/December 2025



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION
COUNCIL (TVET CDACC)**

WRITTEN ASSESSMENT

TIME

INSTRUCTIONS TO CANDIDATE

1. The paper consists of **TWO** sections: **A** and **B**.
2. Answer **ALL** the questions in section A and any **THREE** (3) questions in Section B
3. Marks for each question are indicated in the brackets.
4. Candidates are provided with a separate answer booklet.
5. **DO NOT** write on this question paper.

This paper consists of FIVE (5) printed pages

**Candidate should check the question paper to ascertain that all pages
are printed as indicated and that no questions are missing.**

SECTION A: (40 MARKS)

Answer ALL The Questions in This Section

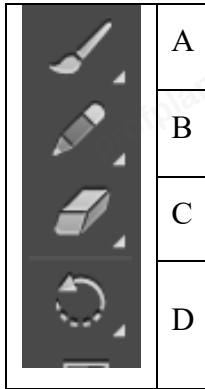
1. A startup is pitching a new mobile application to potential investors. Explain TWO ways a functional prototype of the app can help convince them to invest. (2 Marks)
2. While designing a poster for a school event, a designer uses an overly decorative font for the main text. State THREE negative effects this choice could have on the design's effectiveness. (3 Marks)
3. Explain FOUR key functions of lines as an element of design in a corporate brochure. (4 Marks)
4. A small business decides to promote its new product using only written content and no visual design elements. Describe FOUR challenges this marketing approach would likely face. (4 Marks)
5. Provided with the following image, mention FOUR design techniques applied on the artwork. (4 Marks)



6. After having been hired to redesign the packaging for a new brand of coffee beans. What FOUR pieces of information would you require from the client to ensure your design meets their expectations? (4 Marks)
7. In professional photo-editing, why is the PNG file format often preferred over JPEG for images that will be layered onto different backgrounds? Provide **FOUR** reasons. (4 Marks)

8. A college buys a set of digital tablets for its graphic design students. List FOUR practical applications of these tablets in their design curriculum. (4 Marks)

9. Provided with the following tools, state their functions as applied in graphic software. (4 Marks)



10. In graphic design, choosing the correct unit of measurement is vital for ensuring an artwork is the correct size for its final destination. Identify FOUR common examples used for both print and digital design. (4 Marks)

11. When designing a company's website, how the following design factors influence the selection of visual elements. (3 Marks)

- Visual hierarchy
- Color scheme
- Accessibility

SECTION B: (60 MARKS)

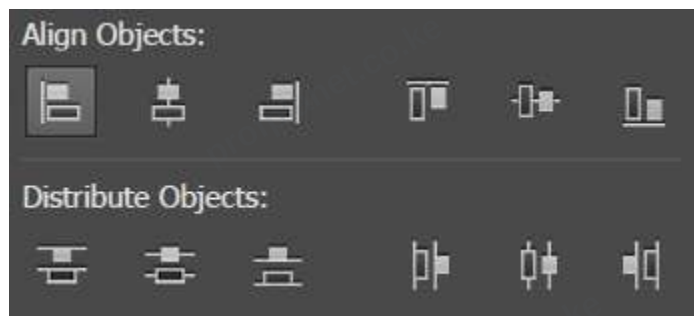
Answer Any THREE Questions in This Section

12. A recently formed graphic design team has successfully acquired a tender to design a promotional flyer for an upcoming music festival.

- a. Explain FOUR practical typography techniques they can use to make the flyer more visually engaging and readable. (8 Marks)
- b. Describe THREE key principles of typography that must be followed to ensure the flyer effectively communicates the event details. (6 Marks)
- c. Using THREE key procedures, illustrate how they would ensure proper image manipulation on the artwork. (6 Marks)

13. You're hired to create a logo and branding assets for a new company using Adobe Illustrator.

- a. Discuss FOUR essential tools you would use from the program's toolbox to complete the artwork. (8 Marks)
- b. Explain FOUR major benefits use of layers would offer in during the design process. (8 Marks)
- c. The following capture shows a section of the Adobe Illustrator window you identified during the logo creation process, expound on how the two sections are different from each other. (4 Marks)



14. After a print design is completed d ext step is often to prepare it for printing.
- a. Explain THREE potential con not using a print preview feature before sending a publication to the printer. (6 Marks)
- b. Differentiate TWO types of paper that can be used for the printing process. (4 Marks)
- c. Describe the functions of the indicated print settings A - E. (10 Marks)

Settings

Print All Pages
The whole thing

Pages: ⓘ ← **A**

Print on Both Sides
Flip pages on long edge

Collated
1,2,3 1,2,3 1,2,3 ← **B**

Portrait Orientation ← **C**

Letter
8.5" x 11" ← **D**

Normal Margins
Top: 1" Bottom: 1" Left: 1" Ri... ← **E**

1 Page Per Sheet

15. Adobe Photoshop is widely used for professional image manipulation across various disciplines.

- Explain THREE ways a designer can use the Pen Tool in the program to enhance an image. (6 Marks)
- Provide TWO specific scenarios where the Clone Stamp Tool would be the most effective tool for a designer to use. (4 Marks)
- Describe FIVE procedures applicable in performing the following technique in the program. (10 Marks)

