

061006T9ICT
ICT TECHNICIAN LEVEL 6
ICT/OS/IT/CR/09/6
PERFORM GRAPHIC DESIGN
Mar. /Apr. 2023
Time: 3 hours



THE KENYA NATIONAL EXAMINATIONS COUNCIL

WRITTEN ASSESSMENT

3 hours

INSTRUCTIONS TO CANDIDATE

Maximum marks for each question are indicated in brackets ()

*The paper consists of **TWO** sections: **A** and **B**.*

*Answer **ALL** questions in Section **A** and **any THREE** questions from section **B** in the answer booklet provided.*

Candidate to answer all questions in English.

This paper consists of 3 printed pages

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

Section A (40 marks)

Answer **ALL** the questions in this section.

1. Define the following terms as applied in graphical design.
 - i. Typography; (2Marks)
 - ii. Typeface; (2 Marks)
 - iii. Tracking; (2 Marks)
2. Principles of graphic design are key before one performs graphic design, as an expert **highlight** six principles that are applied in graphic design. (6 Marks)
3. List **five** types of printing designs used in graphic design that enable visual communication of the design to the audience. (5 Marks)
4. Identify **four** basic application areas of a multi-page layout in the modern graphic design technology. (4 Marks)
5. Designing of graphics will depend on the techniques used, as an expert state **four** types of typography techniques. (4 Marks)
6. Identify **four** techniques that can be used to manipulate images in order to make the design attractive to the client. (4 Marks)
7. Graphic design software is used for creating and editing images **highlight** five software that are used in graphic design. (5 Marks)
8. A designer requires design equipment in his workshop. Explain **two** importance of scanner in graphic design workshop. (2 Marks)
9. Explain **two** roles of anatomy in graphic design (4 Marks)

Section B (60 marks)

Answer *any THREE* questions in this section.

10. a) Diana has approached you to design graphics on his t-shirts that he would use for the public rally, explain **three** elements of graphic design you might decide to use. (6 Marks)
- b) Describe **three** characteristics of size as an element of graphics that the designer may consider during designing (6 Marks)
- b) Discuss **four** types of electronic image file as used in graphic design. (8 Marks)
11. a) In graphic design one of the important elements is to apply typography techniques, explain **four** classification of serif typography that a designer may apply. (8 Marks)
- b) Explain **four** differences between print media and digital media as used in graphic design. (8 Marks)
- c) Colours have immediate impact on the viewers and address their sub-consciousness. Discuss additive and subtractive colours in graphic design. (4 Marks)
12. a) Explain **three** types of printing technologies that a designer may use to print his design. (6 marks)
- b) Describe **four** ways in which copyright supports artists when coming up with their new innovation in the modern world. (8 Marks)
- c) Discuss three design principles that are used for arranging or organizing design elements in graphic design. (6 Marks)
13. a) A student in class was arguing that graphic design is outdated and is not important in the modern society, as an expert in this area, explain **three** types of graphic design in the modern society. (6 Marks)
- b) James as a graphic designer is developing an advertisement poster for a certain institution. Describe **three** categories of colours that he will use in the design. (6 Marks)
- b) Discuss **four** tools that are used In Adobe Illustrator software during graphic design. (8 Marks)

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