



## **MERU UNIVERSITY OF SCIENCE AND TECHNOLOGY**

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### **UNIVERSITY EXAMINATIONS 2023/2024**

**SECOND YEAR, FIRST SEMESTER EXAMINATION FOR DIPLOMA IN INFORMATION TECHNOLOGY AND CERTIFICATE IN INFORMATION TECHNOLOGY**

#### **CIT 1305 / CIT 2314: GRAPHICS DESIGN**

**DATE: DECEMBER 2024**

**TIME: 1½ HOURS**

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**INSTRUCTIONS: Answer Question ONE and any other TWO questions.**

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#### **QUESTION ONE (30 MARKS)**

1. A designer requires design equipment in his workshop. Explain two importance graphic design workshop. (2 Marks)
2. Identify four techniques that can be used to manipulate images in order to make the design attractive to the client. (4 Marks)
3. Graphic design software is used for creating and editing images highlight four software that are used in graphic design. (4 Marks)
4. Explain three types of printing technologies that a designer may use to print his design. (6 Marks)
5. Describe four ways in which copyright supports artists when coming up with their new innovation in the modern world. (8 Marks)
6. Discuss three design principles that are used for arranging or organizing design elements in graphic design. (6 Marks)



**MUST is ISO 9001:2015 and**



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## **QUESTION TWO (15 MARKS)**

1. A student in class was arguing that graphic design is outdated and is not important in the modern society, as an expert in this area, explain three types of graphic design in the modern society.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)
2. James as a graphic designer is developing an advertisement poster for a certain institution. Describe three categories of colors that he will use in the design. (6 Marks)
3. Define the following terms as applied in graphical design.
  - i. Typography; (1 Mark)
  - ii. Typeface; (1 Mark)
  - iii. Tracking; (1 Mark)

## **QUESTION THREE (15 MARKS)**

1. Principles of graphic design are key before one performs graphic design, as an expert highlight four principles that are applied in graphic design. (4 Marks)
2. List four types of printing designs used in graphic design that enable visual communication of the design to the audience. (2 Marks)
3. Identify four basic application areas of a multi-page layout in modern graphic design technology. (4 Marks)
4. List five tools that are used in Adobe Photoshop software during graphic design. (5 Marks)

## **QUESTION FOUR (15 MARKS)**

1. Designing graphics will depend on the techniques used, as an expert state four types of typography techniques. (4 Marks)
2. Diana has approached you to design graphics on his t-shirts for a public rally; explain three elements of graphic design you might decide to use. (3 Marks)
3. Describe three characteristics of size as an element of graphics that the designer may consider during designing. (6 Marks)
4. Discuss two types of electronic image files as used in graphic design. (2 Marks)



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