



*Republic of Rwanda  
City of Kigali*



**GASABO DISTRICT  
COMPREHENSIVE ASSESSMENT FOR 2<sup>ND</sup>  
TERM, ACADEMIC YEAR 2022-2023**

**TRADES: : SOFTWARE DEVELOPMENT**

**RTQF LEVEL: 3**

**SUBJECT: GRAPHIC DESIGN BASICS**

**DURATION: 3hours, On ... / ... / 2023**

**INSTRUCTION TO CANDIDATES:**

- ✓ This question paper consists of **THREE** sections **A, B and C**
- ✓ Answer all questions in section A ( **55marks**).
- ✓ Answer only **Three** questions in section B ( **30marks**).
- ✓ Answer only **One** question in section C ( **15marks**).
- ✓ Use only blue or black pen for answering.
- ✓ Mathematical instruments are allowed where it is necessary.

**Note:** Results for any candidate who is caught in examination malpractices are nullified.

## **SECTION A: Answer All questions**

**55 Marks**

---

1. How does the spot healing brush tool differ from the healing brush tool? **(3 marks)**
2. Differentiate Brand from brand identity **(6 marks)**
3. What are the blending modes? **(3 marks)**
4. Maria is adjusting the vertical space between lines of text. What is she affecting? **(3 marks)**
5. a) What is a workspace in Adobe Illustrator **(3 marks)**  
b) List atleast 3 elements found inside Photoshop's interface **(3 marks)**
6. You need to make a precise selection of a person's arm to separate it from background. Can you describe your process by using any of the selection tools to achieve that? **(5 marks)**
7. List atleast 5 panels in Adobe Illustrator. **(5 marks)**
8. You have taken a photo with too little light, and you have to adjust the light to make it a bit clear. Discuss 2 ways of doing that in Photoshop. **(6 marks)**
9. What is the difference between vibrance and saturation **(6 marks)**
10. What is the difference between Adobe Photoshop and Adobe Illustrator? **(6 marks)**
11. Explain the purpose of the toolbar in the Illustrator's interface **(3 marks)**
12. What are the different preferences that can be set in Photoshop? List 3 **(3 marks)**

**SECTION B Answer 3 questions****30 Marks**

---

13. A web designer named Arsene Hirwa is creating a small design that will be used on his website.

a) Which color mode would you advise him to use? Justify your answer with two reasons. **(6 marks)**

b) Which resolution would you recommend? **(4 marks)**

14. a) Katusiime have designed a logo in Illustrator, and she need to export it as a PNG file with a transparent background to use on a website. How should she save it? **(5 marks)**

b) Germain is designing an infographic in Illustrator, and he's required to save it as a SVG file . Which options should you choose in the Export dialog box to ensure that the file is compatible with most browsers and the graphics are scalable? **(5 marks)**

15. You have been hired to edit wedding pictures, yet some, appears more yellowish. By using 2 Adjustment layers, how can you balance out the yellows and bring them back to their natural state? **(10 marks)**

16. Ngabonziza has a flyer that He needs need to send to a client, but it is too big to send to an email. He need to decrease the size while still maintaining the best possible quality.

a) What is the difference between lossy and lossless optimization (compression) of files? **(6 marks)**

b) List 2 file format that uses the lossless compression **(4 marks)**

20. Explain the use of atleast 5 tools available in Adobe illustrator **(10 marks)**

**SECTION C Answer one question**

**15 Marks**

---

21. You have been hired by Rusaro bakery to design a brochure for promoting their new range of cupcakes. The brochure needs to include high-quality photos of the cupcakes, as well as information about the flavors and prices. The client has provided the text and photos, but they have not specified a font or font size.

a) Differentiate Font from typeface **(4 marks)**

b) In 3 ways, How would you ensure that the typography in the brochure is legible and easy to read? **(6 marks)**

c) After designing your brochure you will need to make a realistic mockup. Distort and perspective are two transform controls that can be used. Clearly differentiate them. **(5 marks)**