



UGANDA BUSINESS AND TECHNICAL EXAMINATIONS BOARD

Business and Humanities Certificate Examinations

NOV-DEC 2023 SERIES

PROGRAMME

NATIONAL CERTIFICATE IN INFORMATION AND COMMUNICATION
TECHNOLOGY

PAPER NAME

COMPUTER GRAPHICS AND PHOTO EDITING

PAPER CODE

NCIT122

YEAR I, SEMESTER II

2½ HOURS

MONDAY, 11TH DECEMBER, 2023

INSTRUCTIONS TO CANDIDATES

1. This paper consists of **two** practical questions.
2. A candidate is required to answer only **one** question.
3. Create a folder in your name and registration number on the desktop where you shall save your work.
4. Transfer all your work in the folder to a new blank compact disk (CD) at the end of the examination.
5. Internet and software help wizards are **not** allowed.
6. Only use images provided on the **CD** by UBTEB for this examination.
7. **Do not** write on the question paper.

Question One

WEB GURU LIMITED is a local web designing company based in Uganda in need of a graphics designer to make a website page. You have been contacted as a graphics designer to design for them single page webpage interface that will be presented to guide the programmers on what exactly to implement. It will be used to show case the modern layout of website interfaces in the upcoming science and technology expo.

Additional information:

1. Import and use only images provided on the **CD** by **UBTEB** for this question.
2. Set size as A4 and orientation landscape.
3. Use company colors to blue, light blue and white

Required:

- (a) Launch adobe Photoshop to create project.
 - (i) Set the project size as A4 pixel. (04 marks)
 - (ii) Set orientation to landscape. (04 marks)
- (b) Design the web page with the following techniques;
 - (i) Design a web page with blue, light blue and white. (06 marks)
 - (ii) Design with only images provided and reference image. (06 marks)
 - (iii) Create with emphasis. (05 marks)
 - (iv) Design with unity. (05 marks)
- (c) Design **WEB GURU LIMITED** logo of choice with the following techniques;
 - (i) Design with symbol and typography. (04 marks)
 - (ii) Should be memorable (04 marks)
 - (iii) The logo should be versatile. (04 marks)
 - (iv) Should be appropriate or relevant. (04 marks)
 - (v) Design with blue, light blue and black. (04 marks)
- (d) Design a **WEB GURU LIMITED** web page with the following techniques;
 - (i) Design with elements of design. (05 marks)
 - (ii) Add one image as intro and three as body with corresponding text of your choice. (06 marks)
 - (iii) Use proper typography to create "heading for the webpage". (05 marks)
 - (iv) Adjust titles in the centre on a brochure design. (05 marks)

- (e) Adjust the four images. (08 marks)
- (f) Create navigation buttons as HOME, ABOUT-US, CONTACT-US, STORE. (10 marks)
- (g) Design navigation bar. (05 marks)
- (h) Save your images with two file formats of .PSD and JPG. (04 marks)
- (i) Print your work. (02 marks)

Question Two

ELITE MAGAZINE is a fashion magazine soon revealing a new magazine about fashion to the world. You have been contracted by **ELITE MAGAZINE** to design a magazine cover for a fashion magazine lineup.

Additional information:

1. Import and use only images provided on the **CD** by **UBTEB** for this question.
2. Set size as A4 and orientation portrait.
3. Use appropriate colors

Required:

- (a) Launch adobe Photoshop to create project.
 - (i) Set the project size as A4 pixel. (04 marks)
 - (ii) Set orientation as portrait. (04 marks)
- (b) Design the **COVER PAGE** with the following techniques;
 - (i) Design a cover page with appropriate colors. (10 marks)
 - (ii) Design with an image provided. (10 marks)
 - (iii) Create with emphasis. (05 marks)
 - (iv) Design with unity. (05 marks)
 - (v) Design with balance (10 marks)
- (c) Design **ELITE MAGAZINE** logo with the following techniques;
 - (i) Design a logo with appropriate colors. (05 marks)
 - (ii) Use typography and shapes to create a logo. (05 marks)
 - (iii) It should be simple. (05 marks)
 - (iv) The design should be appropriate. (05 marks)
- (d) Adjust the images on the cover page with the following techniques;
 - (i) Align your own topics and page numbers appropriately. (10 marks)

- (ii) Balance colors appropriately on the cover page. (06 marks)
- (iii) Blend the image with background and topics **appropriately**. (06 marks)
- (iv) Use curves to balance the variance and exposure of all the images added in your design to blend well in the design. (04 marks)
- (e) Save file as .PSD and JPG. (04 marks)
- (f) Print your work. (02 marks)

END