



NATIONAL UNIVERSITY OF SCIENCE AND TECHNOLOGY
FACULTY OF SCIENCE AND TECHNOLOGY EDUCATION
DEPARTMENT OF ART DESIGN AND TECHNOLOGY EDUCATION
BACHELOR OF DESIGN EDUCATION HONOURS DEGREE IN DESIGN AND
TECHNOLOGY [BDTechEd (Hons)-DT]

COURSE: GRAPHIC PRODUCTS CODE: PDT 1128

Main Examination (in computer laboratory)
November 2024

This examination paper consists of 3 pages.

Time Allowed: 3 hours 30 minutes

Total Marks: 100

Special Requirements: Computer laboratory; CorelDraw 7 Software;
-Blank DVD discs and A4 bond paper

Internal Examiner: Mr Z Sibanda

External Examiner: Dr

INSTRUCTIONS

- 1) Answer **ALL** questions in **Section A** and **ONE** question in Section B.
- 2) During the first **15** minutes of the examination, candidates who wish to download images from the internet will be allowed access to the internet.
- 3) All images downloaded from the internet should be declared to the invigilator.
- 4) After the first **15 minutes** of the examination, no computer in the examination room should be connected to the internet.
- 5) The designs produced in this examination should be copied to a Compact Disc (CD)/USB that should be clearly marked with the candidate's number on a visible part of the CD (save file as CorelDraw7 or DWG and JPEG or PDF).

MARK ALLOCATION

QUESTION		MARKS
Section A		
1.		25
2.		25
Section B		
3.		50
4.		50
5.		50
TOTAL		100

SECTION A

QUESTION 1 (30 minutes- further instructions from the invigilator)

1.a. Using examples from your area of expertise, explain for the following terms:

i. Colour scheme

marks]

ii. sketching

marks]

iii. annotation

marks]

[5

b. Discuss specific quality standards that designers need to consider when producing designs?

[4 marks]

c. Explain the difference between two dimensional drawing (2-D) and three dimensional drawing (3-D) in graphic design.

[6

marks]

QUESTION 2

Using CorelDraw 7 Software:

(a) Set up your work space to Tabloid landscape. Use an ellipse tool, draw a circle of 100mm diameter. Duplicate it **six** times. Fill each circle with a different colour. Group these circles to form one image.

[8

marks]

(b) Using any shape(s) of your choice, produce a design. Manipulate your design using interactive and drop shadow tools.

[6

marks]

(c) i. Type the statement "*It will definitely rain this year*" using **Britannic Bold** font, size 100pt. Use power clip function to fill it up and with rain drops. Add 1.0-point sky blue hairline.

[7

marks]

ii. Fit the text in (i) to a path of your choice.

[4

marks]

SECTION B (Answer **ONE** Question- further instructions from the invigilator)

QUESTION 3

Situation

Bulawayo Province is facing a serious water shortage problem. The Bulawayo City Council, sponsored by UNICEF, is to come up with a digital campaign poster and pamphlet to

encourage its residents to preserve water. As a Graphic Product designer do the following tasks:

Task:

- (i) Design a **digital poster** in full colour campaign encourage its residents the preserve water. **[25 marks]**
- (ii) Design a **pamphlet** incorporating critical information about benefits of preserving water. **[15 marks]**
- (iii) Write a **report** of not more than **200** words explaining your designs in (i) and (ii) above and how they meet the needs of the client. **[10 marks]**

QUESTION 4

Situation

Mr Spanela has started an entrepreneurial business enterprise of Auto-Mobile Mechanics. This business enterprise is expected to be operating both locally and internationally. The director and its management need a logo to brand all their products. The company name is BHOBHOTSHANI. As a Graphic Product Designer, execute the following tasks:

Task:

- (i) Design a **logo** for the above mentioned company with a maximum of **five** colours. **[25 marks]**
- (ii) Design a **uniform** for the company workers to include the logo produced in (i) above. **[15 marks]**
- (iii) Write a report of not more than **200** words explaining your design and how it meets the needs of the client. **[10 marks]**

QUESTION 5

Situation

The head of your institution needs a unique shelf design for the storage of their files, artefacts and ICT tools. The shelf design should include different compartments for the various items like files, artefacts and ICT tools. As a Graphic Product Designer, you have been commissioned to carry out the following tasks:

Task:

(i) Design unique shelves to be used in the head of institution office. **[25 marks]**

(ii) Show the different side views and dimensions of the shelves produced in (i) above.

[15 marks]

(iii) Write a report of not more than **200** words, explaining how your design meets the needs of the client. **[10 marks]**