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# **basic education**

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Department:  
Basic Education  
**REPUBLIC OF SOUTH AFRICA**

## **SENIOR CERTIFICATE EXAMINATIONS/ NATIONAL SENIOR CERTIFICATE EXAMINATIONS**

**DESIGN P1**

**(THEORY)**

**2022**

**MARKS: 100**

**TIME: 3 hours**

**This question paper consists of 13 pages.  
This question paper must be printed in full colour.**

## INSTRUCTIONS AND INFORMATION

1. This question paper consists of SIX questions.
2. There are three choice questions in this question paper. Read the options carefully.
3. This question paper consists of THREE sections:  
  
SECTION A: Design literacy (30 marks)  
QUESTIONS 1 to 3  
  
SECTION B: Design history (30 marks)  
QUESTION 4  
  
SECTION C: Design in a sociocultural/environmental and sustainable context (40 marks)  
QUESTIONS 5 and 6
4. Read the requirements of each question carefully.
5. Answer in full sentences and avoid the listing of facts. Do NOT answer in tabular form.
6. Use the mark allocation to determine the time to be spent on each question.
7. Do NOT repeat the same facts and examples in different questions.
8. Write neatly and legibly.

**SECTION A: DESIGN LITERACY****QUESTION 1: 'UNSEEN' EXAMPLES**

Answer EITHER QUESTION 1.1 OR QUESTION 1.2.

1.1



FIGURE A: **Portraits and Colour** wallpaper design by Temi Coker (USA), 2019.

Discuss the wallpaper design in FIGURE A above by referring to the following elements and principles:

- Shape
- Colour
- Focal point
- Pattern
- Unity

(5 x 2) **[10]**

OR

1.2



FIGURE B: **Dancing Egrets** (water bird) by Cecilia Robinson (South Africa), c. 2012.

Analyse the use of the following terms in relation to FIGURE B above:

- Form
- Texture
- Line
- Balance
- Function

(5 x 2) [10]

## QUESTION 2: COMMUNICATION THROUGH DESIGN

2.1



FIGURE C: **Poster for Nutrition and Hunger**, World Health Organisation, designer unknown, 2020.

- 2.1.1 Identify ONE symbol used in the design in FIGURE C above and discuss its possible meaning. (2)
- 2.1.2 Identify and explain ONE stereotype that is used in FIGURE C above. (2)

2.2

FIGURE D: **BaBa Typeface** by Garth Walker (South Africa), 2002.FIGURE E: **Gothic Manuscript Typeface**

Compare the typeface in FIGURE D with the typeface in FIGURE E.

Refer to the following in your comparison:

- Line
- Shape
- Influence

(2 x 3)

(6)  
[10]



**QUESTION 3: ARCHITECTURE****Answer EITHER QUESTION 3.1 OR QUESTION 3.2 OR QUESTION 3.3.**

Refer to FIGURE F and FIGURE G below and answer ONE of the questions that follow.

3.1



**FIGURE F: The Roman Pantheon**, commissioned by Emperor Hadrian (Rome, Italy), 113–125 CE.



Detail of the **Roman Pantheon** interior. The dome ceiling consists of coffered concrete patterns.



**FIGURE G: Zeitz MOCAA** (Museum of Contemporary African Art), a historical grain silo repurposed by Thomas Heatherwick Studios (Cape Town), 2017.



Atrium of the **Zeitz MOCAA**. The original interior structure of 56 tightly packed tubular, concrete grain storage silos was carved out to create the atrium.

Write an essay (at least ONE page) in which you compare the interior and exterior structure of the contemporary South African Zeitz MOCAA building in FIGURE G to the interior and exterior structure of the Classical building, the Pantheon, in FIGURE F.

Refer to the following in your essay:

- Significance of the site
- How the buildings/structures reflect their function
- Inspiration
- Materials
- Construction/Technology

**OR****(5 x 2) [10]**



- 3.2 Write an essay (at least ONE page) in which you compare any Classical building/structure with any contemporary building/structure (that you have studied).

Refer to the following in your essay:

- Significance of the site
- How the buildings/structures reflect their function
- Inspiration
- Materials
- Construction/Technology

(5 x 2) **[10]**

**OR**

- 3.3 Write an essay (at least ONE page) in which you compare any Classical building/structure with any Indigenous Knowledge Systems building/structure (that you have studied).

Refer to the following in your essay:

- Significance of the site
- How the buildings/structures reflect their function
- Inspiration
- Materials
- Construction/Technology

(5 x 2) **[10]**

**TOTAL SECTION A: 30**

**SECTION B: DESIGN HISTORY****QUESTION 4**

4.1



'Design is about making people happy, either functionally, aesthetically or emotionally.'

– Robin Siegerman

Choose TWO movements from the list below that reflect the quote above:

- Arts and Crafts
- De Stijl
- Bauhaus
- Art Deco
- Modernism
- Scandinavian
- Postmodernism
- Deconstructivism

Write an essay (at least TWO pages) in which you discuss how EACH of the movements reflect the quote above.

Refer to the following in your essay:

- The aims and influences of BOTH movements
- The stylistic characteristics of BOTH movements
- Name and discuss the work of ONE designer from BOTH movements to support your statements

(20)

4.2



FIGURE H: **Art Nouveau Interior** of Fouguet's jewellery shop designed by Alphonse Mucha (Paris), 1900s.



FIGURE I: **Pop Style Interior**, designer unknown (USA), date unknown.

Write an essay (ONE page) in which you compare the TWO interior designs above and explain how they are typical of the design movements they represent.

Refer to the following in your essay:

- Influences
- Colour
- Form
- Materials
- The use of the concept 'Less is More'

(5 x 2) (10)

**TOTAL SECTION B: 30**

**SECTION C: DESIGN IN A SOCIOCULTURAL/ENVIRONMENTAL AND SUSTAINABLE CONTEXT****QUESTION 5****Answer EITHER QUESTION 5.1 OR QUESTION 5.2.****5.1**

FIGURE J: **Plex'eat Hoods** for post Covid-19 dining in restaurants by Christopher Gernigon (France), 2020.

- 5.1.1 Discuss the practical and aesthetic advantages and/or disadvantages of the proposed restaurant seating design (FIGURE J) in relation to the Covid-19 pandemic. (6)
- 5.1.2 Write TWO separate essays (at least ONE page each) in which you discuss the work of ONE South African contemporary designer/design group **AND** ONE international contemporary designer/design group who address sociocultural issues in their work.

Refer to the following in your essay:

- The name of the designer/design group and ONE design product
- Sociocultural concerns addressed in the aims and/or design processes
- Discuss how the designer/design group addresses sociocultural concerns by means of this design product

You may NOT refer to any designer/design group that you have discussed previously or design examples used in this question paper.

(14)

**OR**

5.2



FIGURE K: **Zulu basket weaving**, Hlabisa, KZN, date unknown.

- 5.2.1 Discuss the value of practising/applying traditional crafts in contemporary society. Refer to FIGURE K to guide your answer. (2)
- 5.2.2 Discuss ONE indigenous traditional craft that you have studied this year. In your discussion (at least ONE page), refer to the following:
- The materials, methods and processes used to create the traditional craft
  - The social value and function of the craft in its traditional context
  - A brief discussion of ONE example, as well as the name of the indigenous cultural community that produced the traditional craft
- (8)
- 5.2.3 Write an essay (at least ONE page) in which you discuss the work of ONE contemporary South African/African designer/design group that has adapted indigenous craft techniques to create a design for contemporary society.
- Refer to the following in your essay:
- Name of design/design group and ONE contemporary design product
  - Aims of the designer/design group
  - Influences on the designer/design group
  - Analyse how the contemporary design product is an adaptation and continuation of indigenous craft techniques
- (10)

**[20]**



**QUESTION 6**

6.1



FIGURE L: **Nike Space Hippiie 4 footwear** by Noah Murphy-Reinhertz (USA), 2020.

Space Hippiie's sneakers are made from 85–90% recycled content. These eco-friendly sneakers are made entirely from scrap materials from the factory floor, including plastic bottles, T-shirts, and post-industrial scraps. 'Move to Zero' is Nike's journey towards zero carbon and zero waste to help protect the future of sport.

- 6.1.1 Explain Nike's aims by referring to the statement and FIGURE L above. (4)
- 6.1.2 Discuss TWO reasons why plastic is harmful to our environment. (2)

- 6.2 Write TWO separate essays (at least ONE page each) in which you discuss the work of ONE contemporary South African designer/design group **AND** ONE contemporary international designer/design group whose work explores sustainable/environmental issues.

Refer to the following in your essays:

- Name of the designer/design group and ONE of their designs
- Aims and/or influences
- Analyse the design by explaining how it addresses sustainable/environmental issues

You may NOT refer to any designer(s)/design group(s) that you have discussed previously or design examples used in this question paper.

(14)  
[20]

**TOTAL SECTION C: 40**  
**GRAND TOTAL: 100**