

NAME _____ Index no. _____

Candidate's signature _____

Date _____

442/1
ART AND DESIGN
PAPER 1
THEORY
1 HR 30 MIN

MAKUENI DISTRICT JOINT FORM 4 EXAMINATIONS 2013
Kenya Certificate of Secondary Education
ART AND DESIGN
PAPER 1
1HR 30 MIN

INSTRUCTIONS TO CANDIDATES

1. Write your name and index number in the spaces provided above.
2. Sign and write the date of examination.
3. This paper consists of three sections A, B and C.
4. Answer all questions in section A and B.
5. Answer any one question from section C.
6. All answers should be written in the spaces provided.
7. Where drawings are appropriate, they should be included within the text of your answers.

FOR EXAMINER'S USE ONLY

SECTION	QUESTION	MAXIMUM SCORE	CANDIDATE'S SCORE
A			
B			
C			
Total score			

This paper consists of 8 printed pages

Turn Over

SECTION A (20 MARKS)

Answer all the questions in the spaces provided

1. (a) Define the term 'layout' (2mks)

(b) Explain two types of perspective as used in Art and Design (4mks)

(c) Describe any four elements of sculpture (4mks)

(d) State two factors that determine the choice of wood for carving. (2mks)

(e) Explain why its important to melt wax in a double container when working on a batik work (1mk)

(f) Differentiate between a self-contained print and a repeat motif (2mks)

2.

(g) State any four types of pictorial illustrations which can be used in production of graphic design work (4mks)

(h) Give a reason why graphic design is considered a logical and creative process (1mk)

SECTION B (25 MARKS)

Answer all the questions in the spaces provided

2. Differentiate between 'Tactile' and 'simulated' texture (4mks)

3. (a) Name three properties of colour (3mks)

(b) Explain what each of the above mentioned is (3mks)

4. Study the artwork represented below
Analyze the artwork under the following parts
(a) Type of art (1mk)

3.
(b) Materials and tools used (1mk)

(c) Techniques and processes (2mks)

(d) Style (1mk)

5. Yellow Blue A B C D E

(i) Name the colours labelled B and D (2mks)

(ii) Classify the group of colours represented by A, B, C, D and E (1mk)

(iii) Mention the primary source and secondary source of colour (2mks)

6. (i) Explain the term “vanishing point” 4. (1mk)

(ii) In the space provided below, draw a cube to show two point perspective. (4mks)

SECTION C (15 MARKS)

Answer only one question from this section

Write your answer in the space provided after question 9.

7. (a) Define weaving (1mk)

(b) (i) Make an illustration of a portion of Ghiorde’s knot woven mat and a twinned hand bag to show the difference in their structures (2mks)

(ii) Name any two weaving faults and illustrate one of them (3mks)

(c) Explain and illustrate how to weave a wall hanging using $2/2$ twill and illustrate a section of the finished product (9mks)

8. (a) Briefly describe sculpture under the following processes giving specific examples in each case (8mks)

- Addition technique

- Subtraction

- Placement

6.

7.

- Photographic illustrations
- Line illustrations
- Wash illustrations

(4mks)

(g) – Self contained print – complete in itself

- Repeat – motif repeated to create a pattern

(2mks)

(h) – The solution to the problem is achieved by reasoning systematically and arrived at in original and personal way.

2. - Tactile texture – the surface quality of an object felt by the sense of touch
 - Simulated texture – the surface quality of an object felt by sense of sight/visual

(4mks)

3. (a) - Hue
 - Intensity/chroma
 - Value

(3mks)

- (b)- Hue – property that makes colour different
 - Intensity/chroma – purity and saturation of colour
 - Value – lightness and darkness of colour

(3mks)

4. (a) Abstract art/sculpture
 (b) Wood, metal, chisel, hammer any 1
 (c) Carving, construction, welding, soldery any 2
 (d) Surrealism

(1mk)

(1mk)

(2mks)

(1mk)

This paper consists of 2 printed pages

Turn Over

5. (i) B – Red purple/violet
 D – Blue violet

(1mk)

(1mk)

- (ii) Analogous colours
 - Light
 - Pigment

(1mk)

(2mks)

6. V.P V.P

7. (a) Process of interlacing a set of vertical threads (warps) and horizontal thread (wefts) to form a fabric

(1mk)

(b) (i) Appropriate illustration

(ii) Waisting

(c) Appropriate illustrations

(6mks)

Explanation

(4mks)

This is a balance twill weave because both the right and wrong side of the fabric appear identical. It involves two wefts floating over warp threads and under two warps.

8. Addition – involves addition of material and build up a form e.g. modeling and construction (2mks)
- Subtraction – involves cutting away of parts of a mass of material until a required shape (form) is created e.g. sculpture in relief and in the round (2mks)
- Assemblage – building up of forms by assembly or filling together materials e.g. construction (2mks)
- Placement – refer to the place where a sculpture is to be placed e.g. indoors or outdoors (2mks)
- (b) – Obtain prepared clay ready for use
- Press it into the first and then into the second half of the mould
- Using sponge wet the surface of the clay which forms the model
- Bring the two halves of the mould and press firmly together 2 x 3 = 6mks
Illustration (1mk)
9. (a) (i) Shimmering effect – the effect seen in a mosaic artwork when light is reflected from the surface due to the irregular shape of the tesserae used. (2mks)
(ii) Tesseraes – cube like glass/materials embedded on a surface to form a mosaic (2mks)
(iii) Interstices – minute network of spaces created by the irregular shape of the tesserae (2mks)
(b)

2.

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PAPER 2
1HR 30 MIN

INSTRUCTIONS TO CANDIDATES

- This paper consists of TWO alternatives; A and B. each alternative has two questions
- Choose only ONE question from any one alternative.

- This question paper will be given to you one hour before the start of the examination to enable you make your choice. During this one , you are allowed to make sketches on the papers provided to help you decide on your choice.
- The use of rulers and other mechanical means is forbidden in alternative A but is allowed in alternative B.
- Clearly write your name, index number, the alternative and number of question in the spaces provided.
- In this paper the candidate is reminded that emphasis should be laid on quality of imagination rather than literal interpretation of the theme.

This paper consists of 2 printed pages

Turn Over

Answer only ONE question chosen from EITHER alternative A or Alternative B

ALTERNATIVE A: DRAWING OR PAINTING

You are instructed that the use of rulers and other mechanical devices is forbidden in this alternative.

EITHER

DRAWING

1. Using a pencil or pen and ink, produce a pictorial composition depicting the effects of a heavy downpour that has just caused great devastation. The composition should be in the A3 paper provided.

OR

2. PAINTING

Create a pictorial composition based on the following description

“Village is alive bustling with a bee hive of activities and side shows on the eve of the eagerly awaited wedding.

ALTERNATIVE B GRAPHICS

You are instructed that the use of rulers and other mechanical devices as well as tracing paper is allowed.

3. The Kenya Tourist Agency has a space for a stand at an international show. Using three colours and in A3 size paper, create a design for the stand to include a logo and a motto for the agency. The motto should not exceed three words.
4. (a) Using a natural oriented ornament as a source of your design. Produce a motif to be used for a repeat pattern for a khangas in 5cm by 5cm.
(b) Use the motif to produce a repeat pattern in 3 colour within an A3 size paper.

2.

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PAPER 2

MARKING SCHEME

ALTERNATIVE A: DRAWING/PAINTING

E-resources available online at www.schoolsnetkenya.com / Email: infosnkenya@gmail.com / Tel.: +254202319748

1. Use of media – 15
2. Balance – 5
3. Use of tonal value – 15
4. Interpretation of theme – 10
5. Finishing – 5

ALTERNATIVE B: GRAPHICS

1. Use of tonal value – 15
2. Use of media – 15
3. Balance – 5
4. Interpretation of theme – 10
5. Finishing – 5

This paper consists of 1 printed page

ANSWERS:

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