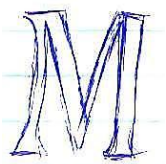


**MAKUENI COUNTY CLUSTER PREPARATORY EXAMINATION 2016***Kenya Certificate of Secondary Education*

**442/1**  
**ART AND DESIGN**  
**PAPER 1**  
**2016**  
**1HR 30MIN**

**SECTION A (20 MARKS)**

1. (a) **Texture**
- Define shape
  - Highlight form
  - Creates an illusion of depth/space
  - Creates visual harmony
  - Makes surface appear lively, interesting or dull. *(Any 2:1mk each)*
- (b) (i) Asymmetrical balance  
(ii) Elements on either side of the imaginary axis are balanced by elements that are not identical. *(1mark)*
- (c) **VOIDS**
- Spaces partially or fully enclosed by planes
  - Negative spaces/holes passing through sculptures
  - Depressions in sculptures. *(1mark)*
- SOLIDS**
- 3-dimensional masses that occupy space and project out. *(1mark)*
  - Main body mass. *(1mark)*
- (d) Pensive
- (e) Collage
- A multimedia technique utilizing various materials to create a flat or a pronounced textural paint-like effect. *(2marks)*
  - A sticking process. *(2marks)*
  - Used for indoor or outdoor decoration. *(2marks)*
- (f) Making posters; consider,
- |  |   |                         |                           |
|--|---|-------------------------|---------------------------|
| <ul style="list-style-type: none"> <li>- Function</li> <li>- Materials to use</li> <li>- Intended audience</li> <li>- Cost</li> <li>- Lettering</li> </ul> | } | client's specifications | <i>(Any 3; ½ mk each)</i> |
|--|---|-------------------------|---------------------------|
- (g) **Slaking**
- Process of soaking clay for several days *(1mark)*
  - Meant to create an even consistency clay *(1mark)*
- (h) Green ware - Unfired clay works *(1mark)*  
Bisque ware - Fired clay works *(1mark)*
- (i) Serifs - Have small lines, shelves at the end of the strokes of a letter eg *(½ Mark)*

*(½ mark)*San serifs – Letters without lines/shelves at the end of the strokes. *(½ Mark)**(½ mark)*

(j) Scratching – Using lines/crossed lines to create a 3-Dimensional effect.

e.g



Rubbing – Spreading the ‘pencil’ to create an effect of light and shade.

- (k) Beads
- wood
  - Ivory
  - Bones
  - Clay
  - Papier mache

(Any 3; ½ mk each)

### **SECTION B (20MARKS)**

2. Correct shading.

(2marks)

3. **Tritik**

- Method of stitching fabric to prevent the penetration of dyes
- Machine/hand stitching done
- Threads tightly pulled
- Dipped in dye
- Produces spidery-like designs.

(2marks)

Crumpling – Fabric’s crumpled together and tightly bound to produced marbled patterns. (2marks)

4. Correct repetition.

(4marks)

5. Beautiful lettering.

(4marks))

6. **Coil method**

- Uses even rolls of clay applied on top of each other to create a hollow form
- Coils are smoothed from the inside
- Outside can be left unsmoothed.

(4marks)

7. **Decorating beadwork**

- Burning
- Incising
- Painting
- Embossing
- Impressing
- Varnishing
- Inlaying

(Any 5;1mk each)

### **SECTION C (15MARKS)**

8. (i) **Principles in sculpture**

- Balance
- Proportion/dominance
- Movement
- Repetition
- Contrast
- Unity
- Harmony

(Any two;1mk each)

(ii) **Sculpture by subtraction**

- Relief sculptures – Are either projected or depressed.
- Sculpture in the round – Free standing form viewed from all directions.

(1 ½ mark)

(1 ½ mark)

(iii) **Placement of sculptures**

- Function/purpose
- Materials used
- Size
- Suitability of the environment
- Climate
- People’s reaction

- If sculptures to be a permanent /temporary feature in that particular spot. **(Any 3; 2mks each)**
- Roles**
- Expresses feelings and ideas of the sculptor/ communicates message to viewer
  - Enhances beauty of an environment
  - Repositories of cultures and ideals of people
  - Conserves culture, history, religion, customs and political ideas
  - Source of income. **(Any 2: 2mks each)**
9. (a) Modelling. **(1marks)**slab method
- (b) Formation of slabs **(1marks)**
- (c)
- Clay is rolled into a ball
  - It's then spread on a surface and pressed/pushed to create a flat effect
  - Can be cut into thin slabs
  - Alternatively clay's rolled into flat pieces
  - A support (base is created to hold the slabs)
  - Slabs joined using liquid clay (slip)
  - Smoothened/decorated
  - Allowed to dry
  - Fired **(13marks)**
10. (a)Screen
- Carries the transferred designs for printing
  - Holds the printing surface in place
  - Holds stencils in place **(Any2;1mk each)**
- (b) Functions of decorated fabrics
- Aesthetic value
  - Cultural
  - Social
  - Rituals
  - Religious
  - Political
  - Economic **(Any 3;1mk)**
- (c) Preparing the screen
- Motifs first developed into a design using a selected network
  - Transferred on to the screen
  - Initially, the silk mesh has been stretched onto the wooden frame
  - Should be well tensioned to avoid smudging of inks
  - Gammed with brown gum
  - Designs transferred to the grid within the surface of the screen
  - Areas to restrict dye are blocked
  - Ready for printing **(6marks)**
- (ii)
- Printing table
  - Should be even
  - Broad enough
  - Well-padded with materials like old newsprints, blankets
  - Covered with a P.V.C sheet. **(4marks)**