**TERM 2-2022**

ART AND DESIGN

PAPER 1 (THEORY) FORM FOUR (4)TIME: **1 ½**  HOURS

**MARKING SCHEME**

 **Instructions to candidates**

1. *Write your Name, Index No, Class and Date in the spaces provided above.*
2. *Answer* ***all the questions*** *in sections A and B*
3. *Answer only one question in Section C.*
4. *All answers should be written in the* ***spaces provided***
5. *Where drawings and diagrams are appropriate, they should be included* ***within the text of your answer.***
6. ***Candidate should answer the questions in English****.*

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| --- | --- | --- | --- |
| **SECTION**  | **QUESTION**  | **MAXIMUM MARKS**  | **STUDENT’S SCORE**  |
| A  | 1  | 20  |   |
|  B  | 2-6  |  25  |   |
|  c |  7/8/9 |  15 |  |
|   **TOTAL**  | **60**  |  |

## SECTION A: 20MKS

 *Answer all the questions in the questions in this section.*

1. a).

 

1. View finder -*To Identify specific area of interest in a composition while drawing*

 *–To Isolate /block part of the composition /scenery the artist doesn’t want to appear in a drawing* [2mks]

 (ii)-The category of drawing above?-*Townscape (1mk*)

1. ***Value*** as a property of *colour is the degree of darkness or lightness of a colour.* *1mk*
2. Two serigraphy printing techniques –*Screen printing*

 -*stencil* [*2mks]*

1. The ceramic decoration technique –slip and graffito, incising{any 1=1mk]  **
2. Two reasons of firing clay items.
3. -*To make the articles durable and long lasting*

-*Make them more resistant to chemical factors such as weather*

*-Reduce porosity*

*-To enhance aesthetic value/beauty [any* 2=2mks] *2mks*

1. Reasons of boiling wax in a double container

-*Wax is flammable-to prevent it from catching fire*

*-To prevent wax from evaporation*

*-To maintain wax in a molten form and avoid solidifying*

 *(Any 2=2mks)*

1. Difference between ***serif*** and ***san serifs*** in lettering, Using illustration

*-Serifs-Sharp edged projection on a letter form*

*-San serif-letter forms wit flat edges and no sharp projections* [3mks]

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1. Any two properties of clay.

-Hue-*Property of colour that makes it differ from other colours*

*-Intensity-degree of saturation /purity of a colour*

*-Value-Lightness or darkness of a colour*  Any 2= *2mks]*

1. Identify two most outstanding elements in the painting below-*Colour, lines*  ***[****2mks*

 

h] Asymmetrical type of balance-*the type of balance where elements/objects on either side of the composition along the axis are not identical.* [Any well illustrated drawing, apart from the examples below=*2mks]*



## SECTION B

 ***Expected to answer all the questions in the questions in this section.***

2. Ornamentry-*The art of making objects that enhance/adorn the appearance of a person or an object itself* (2mks)

1. Four factors to consider when designing ornaments

*-Tools and materials*

*Techniques and processes*

*Function/purpose*

*-financial implications/cost/price* *4mks*

3. Using the word “Key’, Show, on the illustration, the following parts of a letter *2mks*

 (i) Xh. (ii) ½ xh.

4) The work bellow shows an art work almost in completion,

 

The technique used to create the weave structure above-*Ghiordes knot* (2mks)

1. Any three visual symbols –Road signs

-*Sports signs/symbols*

*-Factory signs*

*-Handling signs*

*-Environmental signs* [any 3=3mks]

5. a) components and functions of a letterhead

-*Company Logo*

-*Contact address*

*-company name*

*-slogan /motto [any 2-2mkss*

Functions

-*Identification of the company*

*-An official communication channel for authenticity [2mks]*

1. Factors to consider when using lettering in Graphic design.

*-Uniformity of letter construction*

*-consistency in letters*

*-spacing between letters, words and lines*

*-legibility and simplicity*

*-suitability and relevance to the graphic communication (4mks)*

6a) “wash” in reference to painting –*A technique in painting where thin watery paint is applied quickly with large sweeping brush strokes on a surface to reduce absorbency during painting* (2mks)

1. Types of wash.

-*Plain wash*

*-Graded wash [*2mks]

**SECTION C-*To attempt only one question.* (15 mks)**

7. [A] Identify the weave structure/techniques labeled A-*Horizontal twinning*

 B-*plain/tabby/balanced weave* [2mks]

 A B

  

* 1. Sagging-*weaving defect caused by loosened warps and wefts*

 Waisting - *weaving defect on a woven article caused by uneven tension of yarns such as lose warps and too tight wefts.[3mks]*

 

* 1. (i) The tool above**-***serrated card*loom
	2. Function-*Used for stretching warps at tension in order to allow wefts pass through and produce a woven fabric*. (2mks)

 (ii)The process of preparing the device above up to warping stage.

-*Obtain a stiff card board or plywood*

*-Mark the top and bottom edges /margins an interval of ½ a cm.*

*-Draw straight lines joining the marked intervals on both the top and bottom edges*

*- Cut the edges in a serrated zigzag form on both the top and bottom margins.*

*-obtain a strong yarn to be used as a warp thread.*

*-Tie ta knot at the start and warp the thread up to the last corner*

*-Tie a knot and start interlacing/weaving with a weft thread until the whole material is complete*

*-Do finishing techniques such as hemming, tying, knotting, etc. and use the material for its designed purpose.(=8mks)*

8. a) sculpture-*The art of making 3 forms to express feelings, emotions and ideas.[*1mk]

b) Types of relief sculptures

*-Projecting--Bas, low, medium* *and high relief*

-Inverse relief/intaglio.

(Any 3 well explained=3mks)

* 1. Process of making a sculpture using papier mache

-*Obtain tools and materials to use such as buckets, water, news prints and papers*

*-Chop/cut the papers into small sizes and soak them in a container of water for at least b2-3days*

*-mash /pound to a homogeneous pulp adding glue or worm wheat flour or any other adhesive*

*-Build/create a support/amateur) and apply the pulp in small amounts on the amateur for support*

*-Keep building the form until a desired size is achieved*

*-add details by refining the forms*

*-leave it to dry under a shade*

*-apply desired colour and leave it to dry again*

-*apply varnish [clear transparent vanish] depending on the purpose and leave it to dry*

*-Exhibit/display for critique/use it for the intended purpose* [8mks]

c (ii)molding/mouding-*Art and technique used to form clay and other usable objects such as sculptures using a tool-mould in order to produce several identical forms*

Modelling *-the art of making 3 forms using plastic materials such as clay or plastacine* .2mk)

9 The Illustrations bellow represents an art and design techniques

 . 

 A B

1. techniques A –*stencil*  B- *screen printing*(2mks)
2. Process of producing a design using a combination of tie-dye and any one of the above techniques.

*–Obtain tools and materials such as fabrics, dyes, water, buckets, gloves, knives, etc.*

*-Tie the fabric into a desired pattern and technique*

*-mix a substantive dye to make a dye bath*

*-dip the fabric into a dye bath after pretreatment*

*-after it has absorbed enough, remove and leave it to dry under a shade.*

*-Obtain the stencil/silk screen with a motif of choice*

*-Untie, stretch and superimpose the motif,*

*-print the fabric until it is complete*

*-iron the fabric to fix it it permanently* [14mks]