

ART AND CRAFT
P1 – PRE-S (2017 / 2019 GROUP)
PAPER 1
MOCK EXAMINATION
MARCH, 2019
TIME: 2½ HOURS

MOCK - ART AND CRAFT, PAPER 1


INSTRUCTIONS TO CANDIDATES

- *This paper consists of Sections A, B and C.*
- *Answer all the questions in the spaces provided. Answer all questions in section A and B, but in Section C, answer question 6 and any other ONE question.*
- *Clear handwriting makes it easier for the examiner to award marks. So, take care of the pen and ink and style of your lettering.*
- *Any technical drawing work should be done using a pencil. But it is not allowed to draw in pencil and then label in ink.*

FOR OFFICIAL USE ONLY

SECTION	QUESTION	MAXIMUM SCORE	CANDIDATE'S SCORE
A	1	10	
	2	05	
	3	05	
B	4	10	
	5	10	
C	6	10	
	7	10	
	8	10	
TOTAL SCORE		60	

SECTION 'A' (20 MARKS)

1. Answer the following questions **1mark each**
- a) In drawing from observation, you may look at something (e.g. and object) and graphically imitate its shape or form on paper. There are two ways of practicing this, as is done in a classroom. These are:
- _____ and _____
- b) Briefly explain by giving two examples of what this craftsman does a carpenter.
- i) Name the line shown herein in technical drawing. 

- ii) What is its function?
- c) In concrete block-making, what is a mould?
- d) Identify **two** major components of drama and briefly explain how they are carried out.
- e) Give **two** methods of bridging wall-openings.
- f) In orthographic First Angle Projection, there are dihedral planes of projection. Where (i.e. planes) are the following views projected?
 F.E.? _____
 PLAN? _____
- g) If a drawing is showing objects (e.g. a jug and a cup) which are accompanied by their shadows going towards one direction, what could be the reason for this?
- h) Explain the meaning of the word “bonding” as it refers to the building of a wall.
- i) Briefly describe how you would re-produce the texture of a certain surface by “rubbing”.
- 2) Imagine that a clay pot is standing on a flat ground and you are looking at it; then you decide to draw it. If there is light falling on it from the left side at an angle of 45° to the ground, USE DOTS ONLY to show the dark-and-light effect on your picture. **5mks**
- 3) During the initial teaching of technical drawing to standard 7 pupils, sub-topic: TYPES OF LINES:
- a) Write down what you would explain about “object line”:
- i) Nature of line? **1/2mk**
- ii) Use in drawing work? **1 1/2mk**
- b) In isometric drawing, explain TWO important factors that enable you to construct a figure correctly. **2mks**
- c) In technical drawing, what is a pictorial drawing? **1mk**

SECTION ‘B’ (20 MARKS)

- 4) As you teach about MOSAIC to standard seven pupils, in your second lesson you want to show them how to create a picture of a cock using dry banana fibres.
- a) Describe the procedure of conducting this exercise in class as you show them (under the headings):
- i. “MATERIALS AND ADHESIVES”. **1mk**
- ii. “DRAWING A SKETCH ON THE BACKING MATERIAL”. **1mk**
- iii. “THE TESSERAE PLAN”. **2mks**
- iv. “THE STICKING/PASTING WORK, TO FORM A PICTURE”. **2mks**

- b) It is suggested that there would be “class re-organization” about three times for a lesson like this one. Explain **TWO** instances of a moment like that. **2mks**
- c) There are **two** very important steps that the teacher should conduct as CONCLUSION / EVALUATION for such a lesson. Describe them. **2mks**
- 5)
- a) You are going to teach standard eight pupils a lesson on BUILDING CONSTRUCTION, sub-topics “Starting the foundation walls at the bottom of a trench”. First you demonstrate how strings are tied at the profiles of the two walls that make one corner. Explain the following as you go along:
- i. How is the said corner located using the plumb bob? **1mk**
- ii. How is the corner set up using two concrete blocks? **3mks**
- b) The next thing for your teaching during the subsequent lessons will be setting up all the corners of the building.
- i) Explain how to build a wall with blocks between any two set corners. **2mks**
- ii) When one level of wall-blocks is complete around the building, what is the name given to that? **1/2mk**
- iii) In stretcher bonding of blocks along the wall, mortar is filled in the spaces between the blocks using a trowel. What is the technical name for the vertical joint? **1/2mk**
- c) As a teacher, how will you explain the reasons for leaving wall-openings as you build superstructure walls of a building:
- i) Door openings. **2mks**
- ii) Window openings. **1mk**

SECTION ‘C’ (20 MARKS)

Answer question 6 and any other ONE question.

- 6) The illustration below shows an isometric drawing of a W solid block. The dimensions are mm. Draw to full scale the three views of the block in First Angle Orthographic Projection. Use the face marked F as the Front Elevation (i.e if the figure is turned upward). **10mks**
- 7)
- a) In batching work, state where the following ratios will be used for concrete. **(1/2 mark each)**
- i. 4: 3: 1 _____
- ii. 6: 3: 1 _____
- iii. 4: 2: 1 _____
- iv. _____ concrete blocks

- b) Explain **FIVE** steps of further dry-mixing of concrete materials after batching has been done. **5mks**
- c) Ready concrete is soft (or, plastic mass). How is it used to make concrete blocks? **2mks**
- d) Before concrete blocks are strong and ready for building work, how do you cure them? **1mk**

8)

- a) In the colour wheel below, name the colours labelled A, B, C, D, E, F. **(½ mark each)**

A. _____

B. _____

C. _____

D. _____

E. _____

F. _____

- b) Different types of colour materials used in painting and other colour work are known as “colour media”.
List **SIX** types of colour media that you know. **3mks**
- c) To paint is to cover a surface with liquid colour, may be, to decorate it in a certain colour or colours, using a brush or brushes.
Give just **THREE** reasons why people get inspired to paint. **3mks**
- d) When painting a picture, if you want to brighten a colour area (say, by adding white to a painted colour) this is known as _____, and in the same way, when you want to darken an area of a colour, this is known as _____ **1mk**