

G12 ECZ ART & DESIGN 2022 THEORY PAPER 1 SOLUTIONS

Grade 12 ECZ Art and Design 2022 Written Theory Paper (6010/1)

Section A (all, 20 marks), Section B (all, 10 marks), Section C (any 2 of 3, 10 marks each)

aper appears first — worked answers follow. Model answers are given for ALL questions (including the optional Section C questions) so every

EXAMINATIONS COUNCIL OF ZAMBIA



Examination for School Certificate Ordinary Level

Art and Design

Paper 1

6010/1

Tuesday

15 NOVEMBER 2022

Additional Material(s):

Answer Booklet

Time: 1 hour 30 minutes

Marks: 50

Instructions to Candidates

- 1 Write the **centre number** and **your examination number** in the spaces provided on **every page** of the **separate Answer Booklet** provided.
- 2 There are **three** sections in this paper: Section **A, B** and **C**.
 - (i) Section A has short answer questions. **Answer all**.
 - (ii) Section B has questions based on a picture. **Answer all** the questions.
 - (iii) Section C has **three** essay questions. Answer **two** questions only.
- 3 Write your answers in the separate Answer Booklet provided.
- 4 If you use **more than one** Answer Booklet, fasten the booklets together.

Information for Candidates

- 1 The number of marks is given in brackets [] at the end of each question or part question.
- 2 Cell phones and other electronic devices are **not allowed** in the examination room.

Section A: [20 MARKS]

Answer all the questions in this section using one word or short phrase in the Answer Booklet provided.

- 1 An alphabet is made of letters. Walls are made of bricks. What are the **two** building blocks that make an artwork? [2]
- 2 What name is given to a person who poses during an art lesson in Figure Drawing? [1]
- 3 A ... is a hard, rubber blade which forces paint or ink through the silk screen printing. [1]
- 4 Which prominent Zambian, visual Artist made the 'freedom statue' (using concrete), stationed at the Lusaka National Museum? [1]
- 5 Mention the name given to the tool used for applying wax in batik printing. [1]
- 6 Which province in Zambia is most famous for its basketry? [1]
- 7 List any **two** materials used in stitchery. [2]
- 8 The earliest people (Bushmen) made drawings and paintings on ... and ... [2]
- 9 Define the term 'illustration' in Art and Design. [1]
- 10 Which period in the famous movements in Art has a French name that means the same as 're-birth' in English? [1]
- 11 Mention **two** techniques used in making tie-dye. [2]
- 12 During a lesson on Book Craft, a teacher of Art asked the learners to bind the school magazine. State the type of binding that the learners used. [1]
- 13 State **one** material from which sculptures can be constructed. [1]
- 14 Most clays are self glazing. State **two** factors to be considered when choosing the type of glaze for a particular ceramic form. [2]
- 15 Identify the type of poster shown in **Figure 1**. [1]



Figure 1

[Total: 20 marks]

Section B: [10 MARKS]

Answer all the questions in this section in the Answer Booklet provided.

Picture Study: Study the picture in **Figure 2** and answer the questions that follow.

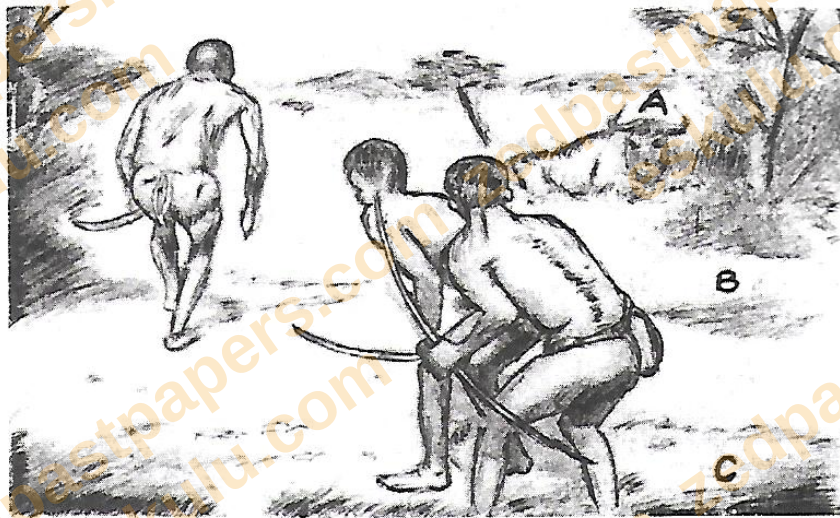


Figure 2

- 1 Define the term 'drawing'. [2]
- 2 What media was used for the drawing in **Figure 2**? [1]
- 3 A landscape can be divided into three sections. Identify the sections indicated by the letters **A**, **B** and **C** in **Figure 2**. [3]
- 4 Name the element of Art that has been prominently used in the picture in relation to Figure drawing. [1]
- 5 Which type of drawing is depicted in **Figure 2**? [1]
- 6 There are three main approaches to Drawing. Mention **one**. [1]
- 7 What term is used in Art to refer to darker tones shown in the drawing in **Figure 2**? [1]

[Total: 10 marks]

Section C: [20 MARKS]

This section consists of three questions. Answer any two questions in the Answer Booklet. Each question carries 10 marks.

- 1** Explain the following terms in Art and Design, giving one example on each.
- (i) Visual Arts [2]
 - (ii) Performing Arts [2]
 - (iii) Literary Arts [2]
 - (iv) Fine Arts [2]
 - (v) Crafts [2]

[Total: 10 marks]

- 2**
- (i) Define print-making. [2]
 - (ii) List **two** advantages and **two** disadvantages of water colours. [4]
 - (iii) State **two** differences between oil paints and water colours. [2]
 - (iv) Give **two** reasons why paraffin is more preferable than thinners (turpentine) when diluting oil paint. [2]

[Total: 10 marks]

- 3** Entrepreneurship is a very important topic in Art and Design. Briefly explain how income may be sourced through the following activities.

- (a)
 - (i) Event decorating [2]
 - (ii) Crafts shop [2]
 - (iii) T-shirt Printing [2]
 - (iv) Advertising Agency [2]
- (b) State **two** challenges that an artist faces as he/she conducts his/her business. [2]

[Total: 10 marks]

Question A1. An alphabet is made of letters. Walls are made of bricks. What are the two building blocks that make an artwork? [2]

- (a) The elements of art (line, shape, form, colour, tone, texture, space).
- (b) The principles of design (balance, contrast, rhythm, proportion, unity, emphasis).

Question A2. What name is given to a person who poses during an art lesson in Figure Drawing?

Answer: A model.

Question A3. A ... is a hard, rubber blade which forces paint or ink through the silk screen printing.

Answer: A squeegee.

Question A4. Which prominent Zambian visual Artist made the 'freedom statue' (using concrete), stationed at the Lusaka National Museum?

Answer: Flinto Chandia. [Flagged — verify against local records.]

Question A5. Mention the name given to the tool used for applying wax in batik printing.

Answer: A tjanting (canting) tool (also a wax brush/tjap stamp).

Question A6. Which province in Zambia is most famous for its basketry?

Answer: Western Province (also Luapula Province). [Flagged.]

Question A7. List any two materials used in stitchery. [2]

- (a) Thread/yarn.
- (b) Fabric/cloth and a needle.

Question A8. The earliest people (Bushmen) made drawings and paintings on ... and ... [2]

- (a) Rock/cave walls.
- (b) Using natural pigments (ochre, charcoal, animal blood/fat as a binder).

Question A9. Define the term 'illustration' in Art and Design.

Answer: An illustration is a picture or drawing created to explain, decorate or accompany text (e.g. in a book, magazine or advert), making the meaning clearer or more visually appealing.

Question A10. Which period in the famous movements in Art has a French name that means the same as 're-birth' in English?

Answer: The Renaissance.

Question A11. Mention two techniques used in making tie-dye. [2]

- (a) Tying/knotting sections of cloth with string or rubber bands.
- (b) Folding and pleating (also stitching/binding objects into) the cloth before dyeing.

Question A12. During a lesson on Book Craft, a teacher of Art asked the learners to bind the school magazine. State the type of binding that the learners used.

Answer: Saddle stitching (staple/stitch binding). [Flagged — depends on the method actually taught.]

Question A13. State one material from which sculptures can be constructed.

Answer: Wood (also stone, clay, metal).

Question A14. Most clays are self glazing. State two factors to be considered when choosing the type of glaze for a particular ceramic form. [2]

- (a) The firing temperature the clay body can withstand.
- (b) The intended use/function and desired colour or finish (glossy/matt) of the piece.

Question A15. Identify the type of poster shown in Figure 1 ('COVID IS REAL, FOLLOW THE FIVE GOLDEN RULES').

Answer: A health/awareness (public health campaign) poster.

Question B1. Define the term 'drawing'. [2]

Answer: Drawing is the art of creating an image on a surface by making marks (lines, dots, tones) using a tool such as a pencil, pen or charcoal.

Question B2. What media was used for the drawing in Figure 2 (Bushmen hunting scene)?

Answer: Pencil (graphite) — a monochrome/tonal pencil drawing.

Question B3. A landscape can be divided into three sections. Identify the sections indicated by the letters A, B and C in Figure 2. [3]

A = the background (the animal/distant scene).

B = the middle ground (the hunters approaching).

C = the foreground (the nearest hunter with the bow, closest to the viewer).

Question B4. Name the element of Art that has been prominently used in the picture in relation to Figure drawing.

Answer: Line (also tone/shading).

Question B5. Which type of drawing is depicted in Figure 2?

Answer: A figure drawing (an action/observational sketch).

Question B6. There are three main approaches to Drawing. Mention one.

Answer: Observational drawing (also imaginative/creative drawing, and analytical/structural drawing).

Question B7. What term is used in Art to refer to darker tones shown in the drawing in Figure 2?

Answer: Shading (shadow/toner).

Question C1. Explain the following terms in Art and Design, giving one example on each. [10]

(i) Visual Arts — art forms that are seen and appreciated visually, e.g. painting.

(ii) Performing Arts — art forms presented live before an audience through action/sound, e.g. dance.

(iii) Literary Arts — art expressed through written or spoken words, e.g. poetry.

(iv) Fine Arts — art created mainly for aesthetic appreciation/self-expression, e.g. sculpture.

(v) Crafts — art made for functional or decorative use, usually with skilled handwork, e.g. pottery/basketry.

Question C2. (i) Define print-making. [2] (ii) List two advantages and two disadvantages of water colours. [4] (iii) State two differences between oil paints and water colours. [2] (iv) Give two reasons why paraffin is more preferable than thinners (turpentine) when diluting oil paint. [2]

(i) Print-making is the process of creating an image by transferring ink from a prepared surface (block, screen or plate) onto paper or another material, usually producing multiple copies.

(ii) Advantages of water colours: they dry quickly; and they are easy to clean up/use (water-based, low odour). Disadvantages: colours can look pale/lack the richness of oils; and mistakes are hard to correct/paint cannot be reworked much once dry.

(iii) Differences: oil paints are oil-based and dry slowly, while water colours are water-based and dry quickly; oil paints produce opaque, rich colour, while water colours are transparent/thin.

(iv) Paraffin is cheaper and more readily available than turpentine/thinners; and it has a much less harmful, less strong smell/fumes, making it safer to use.

Question C3. Entrepreneurship is a very important topic in Art and Design.

Briefly explain how income may be sourced through the following activities. (a)

[8] (b) [2]

(a)(i) Event decorating — earning income by decorating venues (weddings, parties, conferences) with balloons, drapes, flowers and displays for a fee.

(ii) Crafts shop — making and selling handmade craft items (baskets, pottery, jewellery, carvings) to customers for profit.

(iii) T-shirt Printing — designing and printing custom graphics/text onto T-shirts and selling or branding them for clients/events.

(iv) Advertising Agency — designing adverts, signage, logos and promotional material for businesses and charging a fee for the service.

(b) Two challenges an artist faces running a business: limited capital/access to finance to buy materials and equipment; and inconsistent market/customers, stiff competition and difficulty pricing/marketing the work.

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