

SC7102&1

WASSCE 2023

GRAPHIC DESIGN 2&1

Essay and Objective

2 hours 50 minutes

2&1

Name.....

Index Number.....

- ❖ TOPIC BASE, MOCK & PAST QUESTIONS
- ❖ NOTES
- ❖ SYLLABUS
- ❖ CHIEF EXAMINERS' REPORT
- ❖ LESSON NOTES
- ❖ COURSES
- ❖ CAREER/SCHOLARSHIP OPPORTUNITIES
- ❖ CAMPUS NEWS

THE WEST AFRICAN EXAMINATIONS COUNCIL**West African Senior School Certificate Examination
for School Candidates**

SC 2023

GRAPHIC DESIGN 2&1

2 hours 50 minutes

Essay and Objective

*Do **not** open this booklet until you are told to do so. While you are waiting, read and observe the following instructions carefully. Write your **name** and **index number** in **ink** in the spaces provided above.*

*This booklet consists of **two** papers. Answer Paper 2 which comes first, in your answer booklet and Paper 1 on your Objective Test answer sheet. Paper 2 will last 2 hours after which the answer booklet will be collected. Do **not** start Paper 1 until you are told to do so. Paper 1 will last 50 minutes.*

ESSAY
[60 marks]

Answer **four questions only**.

All the questions carry equal marks.

Credit will be given for clarity of expression and orderly presentation of material.

1. (a) Explain the term *Costing*. [3 marks]
- (b) A new NGO in your locality has commissioned you to print banners intended to be used to advertise the inauguration of its offices. Discuss **three** factors to be considered in determining the cost of this project. [9 marks]
- (c) State **three** significance for costing the project in 1(b) above. [3 marks]
2. Use the table below to answer question 2 (a).

S/N	A	B
1.	Balloon	Book title appearing on each page of a book
2.	Broad pen	Capital letters
3.	Masthead	Circular line drawn near the head of a character in a cartoon
4.	Rhythm	A tool for silk screen printing
5.	Running head	An enclosed space of a letter
6.	Trade mark	Another name for logo
7.	Squeegee	The name or identity of a newspaper
8.	Counter	The same as repetition
9.	Upper case	Way of writing on a book spine
10.	Vertical type	A tool for calligraphy

- (a) The statements in: "B" are mixed up. write the appropriate statement to match with the corresponding term in: "A". [10 marks]
- (b) Identify **three** ways of achieving emphasis of text in a *Banner*. [3 marks]
- (c) Describe how any **one** in 2(b) above can be achieved. [2 marks]
3. (a) Describe the following:
 (i) Associative Logo;
 (ii) Pictorial Name Logo;
 (iii) Abstract Logo. [6 marks]
- (b) Illustrate the **three** types of Logos in 3(a) above. [9 marks]

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4. (a) Explain *freestyle lettering*. [3 marks]
- (b) State **three** importance of using freestyle lettering in designing a Graphic Design product. [3 marks]
- (c) Identify and explain **three** qualities of a good illustration. [9 marks]
5. (a) Explain the term *cool colours*. [3 marks]
- (b) List **three** examples of warm colours on the 12-point colour wheel. [3 marks]
- (c) Discuss the symbolic meaning of the following colours:
(i) Blue
(ii) Green
(iii) Black [9 marks]
6. Describe step-by-step how to design and print in **two** colours a *Christmas Card* using woodcut.
Include appropriate sketches where necessary. [15 marks]

END OF ESSAY TEST

BLANK SHEET

DO NOT TURN OVER THIS PAGE UNTIL YOU ARE TOLD TO DO SO.

**YOU WILL BE PENALIZED SEVERELY IF YOU ARE
FOUND LOOKING AT THE NEXT PAGE BEFORE
YOU ARE TOLD TO DO SO.**

**WHILE YOU ARE WAITING, READ THE FOLLOWING
INSTRUCTIONS CAREFULLY**

PAPER 1
OBJECTIVE TEST
[40 marks]

50 minutes

1. Use **2B** pencil throughout.
2. On the pre-printed answer sheet, check that the following details are **correctly** printed:
 - (a) In the space marked *Name*, check your **surname** followed by your **other names**.
 - (b) In the spaces marked *Examination, Year, Subject and Paper*, check 'WASSCE', 'SC 2023', 'GRAPHIC DESIGN', and '1' in that order.
 - (c) In the box marked *Index Number*, your **index number** has been printed vertically in the spaces on the left-hand side, and each numbered space has been shaded in line with each digit. **Reshade** each of the shaded spaces.
 - (d) In the box marked *Subject Code*, the digits 710113 are printed vertically in the spaces on the left-hand side. **Reshade** the corresponding numbered spaces as you did for your index number.
3. An example is given below. This is for a male candidate whose *name* is James Koku AMADU. His *index number* is 7102143958 and he is offering *Graphic Design 1*.

**THE WEST AFRICAN EXAMINATIONS COUNCIL
ANSWER SHEET**

PRINTED IN BLOCK LETTERS. Name: <u>AMADU JAMES KOKU</u>	GHA
Examination: <u>WASSCE</u>	Year: <u>SC2023</u>
Subject: <u>GRAPHIC DESIGN</u>	Paper: <u>1</u>

INSTRUCTIONS TO CANDIDATES

1. Use grade 2B pencil throughout.
2. Answer each question by choosing one letter and shading it like this: A B C D E
3. Erase completely any answer you wish to change.
4. Leave extra spaces blank if the answer spaces provided are more than you need.
5. Do not make any markings across the heavy black marks at the right hand edge of your answer sheet.

INDEX NUMBER	
7	<input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9
1	<input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9
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SUBJECT CODE	
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For Supervisors only If candidate is absent shade this space. <input style="width: 40px; height: 15px;" type="checkbox"/>

Answer all the questions.

Each question is followed by four options lettered A to D. Find the correct option for each question and shade in pencil on your answer sheet the answer space which bears the same letter as the option you have chosen. Give only one answer to each question. An example is given below.

In still life study, drawings are made from

- A. imagination.
- B. imitation.
- C. memory.
- D. observation.

The correct answer is observation which is lettered D and therefore answer space D would be shaded.

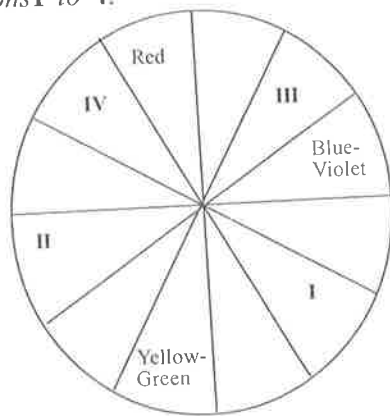
A B C D

Think carefully before you shade the answer spaces; erase completely any answers you wish to change.

Do all rough work on this question paper.

Now answer the following questions.

Use the diagram below to answer questions 1 to 4.



1. Which colour is represented by I?

- A. Blue
- B. Blue-green
- C. Green
- D. Yellow-orange

2. The part labelled II represents the colour

- A. orange.
- B. red-violet.
- C. violet.
- D. yellow-orange.

3. Identify the part labelled III in the options below.

- A. Blue
- B. Orange
- C. Violet
- D. Yellow

4. From the diagram, the common colour in both III and IV is

- A. blue.
- B. red.
- C. red-violet.
- D. blue-violet.

5. Package designers can enhance sales by

- I the use of bright colours.
- II the use of attractive colours.
- III painting in silhouette.
- IV using pictorial images.

- A. I, II and IV only
- B. I, II and III only
- C. II, III and IV only
- D. I, III and IV only

6. In controlled marbling, the paper is pulled along the edge of the trough to

- A. blend the colours.
- B. remove air bubbles.
- C. remove excess starch.
- D. smoothen the surface.

7. Select from the options, the binding method which allows the page to open flat.

- A. Case binding
- B. Perfect binding
- C. Side stitching
- D. Saddle stitching

8. The best power of the mind to conceive new ideas to solve problems is

- A. creativity.
- B. developing tracts.
- C. idea development.
- D. sketching.

9. Which of the following statements best describes reverse lettering?

- A. Dark letters on white background
- B. Letters written in the opposite direction
- C. Letters written in outline only
- D. White letters on dark background

10. The **most** suitable local material used as a tool in broad pen lettering is
 A. bamboo.
 B. raffia.
 C. straw.
 D. twine
11. Pinholes detected in screens are **mostly** blocked with
 A. lacquer.
 B. gelatin.
 C. masking tape.
 D. white glue.
12. Which of these options is considered as a section in an edition bound book?
 A. Saddle stitch
 B. Segment
 C. Signature
 D. Side stitch
13. Brayer is a tool used by
 A. an animator.
 B. a cartoonist.
 C. an illustrator.
 D. a printmaker.
14. One component that makes a case bound book more durable is the
 A. cover.
 B. end paper.
 C. front page.
 D. spine.
15. Identify from the options the typeface **best** suited for official documents.
 A. Calligraphy
 B. Gothic
 C. Romans
 D. Script
16. Screen printing is the **most** versatile printing method because
 A. everybody can practice it.
 B. it can be used on all surfaces.
 C. it can be used for all purposes.
 D. it produces the best prints.
17. Which of the following are indoor advertising media?
 I Magazine
 II Radio
 III Newspaper
 IV Poster
 A. I, II and III only
 B. II, III and IV only
 C. I and II only
 D. III and IV only
18. The Trajan column is of historical importance to the graphic designer because of the
 A. date it was constructed.
 B. head of the emperor on the top of it.
 C. inscription on the pedestal.
 D. unique height of the column.
19. Scoring as used in Graphic Design means
 A. creasing paper to make folding easy.
 B. finishing a job on time.
 C. preparing a surface to make it light sensitive.
 D. transferring images onto photographic paper.
20. The **best** tool for spreading printing ink on a block is a
 A. bristle brush.
 B. palette knife.
 C. roller.
 D. squeegee.
21. Select from the options, the tool used for rounding in bookbinding.
 A. Hammer
 B. Mallet
 C. Plough
 D. Punch
22. Drawn objects in CorelDraw are painted by
 A. selecting and holding the colour swatch.
 B. selecting the object and clicking the colour swatch.
 C. left-clicking the colour palette and clicking the object.
 D. right-clicking the colour in the colour swatch.
23. Light colours are printed first in flat colour printing because
 A. darker colours enhance the lighter colours.
 B. darker colours are easy to register.
 C. lighter colours are easily covered by darker colours.
 D. lighter colours improve the overlapping colours.
24. Which of the following binding methods can be described as loose-leaf binding?
 I Comb
 II Edition
 III Perfect
 IV Spiral
 A. I and II only
 B. II and III only
 C. III and IV only
 D. I and IV only
25. The Magic Wand tool in Adobe Photoshop is used to
 A. move sections and layers.
 B. paint hard edge strokes.
 C. repair imperfections in selected areas.
 D. select similar coloured areas.

26. Pick-out from the options, the Graphic Design product that functions like a poster.
- Banner
 - Flyer
 - Handbill
 - Label
27. Which of the following lines **best** suggests rest?
- Diagonal
 - Horizontal
 - Vertical
 - Zig-zag
28. The last stage of a perfect binding method in book production is
- binding.
 - collating.
 - printing.
 - trimming.
29. A package is required by law to carry the following pieces of information.
- Name of product
 - Ingredients
 - Illustration
 - Expiry date
 - Name of manufacturer
- I, II, IV and V only
 - I, II, III and IV only
 - II, III and V only
 - II, IV and V only
30. Which of these options would result in a blurred photograph?
- Camera shakes
 - Sufficient light on the screen
 - The use of tripod
 - Using the rule of thirds
31. Paper stencil is **best** for
- long-run printing
 - short-run printing
 - full-colour printing
 - flat colour printing
- I and II only
 - II and IV only
 - III and IV only
 - I and III only
32. The price of a Graphic Design product is determined by
- cost of production,
 - utility cost,
 - profit margin,
 - overhead cost.
- I and II only
 - II and IV only
 - II and III only
 - I and IV only
33. Identify a cartoonist among these artists.
- A. Akpo Teye
 - F. T. Mate
 - Vincent Kofi
 - Yaw Boakye Ghanatta
34. A proper arrangement of pictures and type in a poster shows
- a good layout.
 - an accurate measurement.
 - a good photography.
 - a perfect typography.
35. Air bubbles are removed from a pasted poster by
- applying warm water with foam.
 - hitting over it with a mallet.
 - perforating with a needle.
 - tapping with the palm.
36. Candles used during wax resist pattern making
- enable the colours to dry quickly.
 - help the colours to mix easily.
 - make the paper hard and dirty.
 - prevent the colours from the image area.
37. In calligraphy, ascenders and descenders help in
- creating word spacing.
 - determining letter spacing.
 - improving line spacing.
 - reducing optical spacing.
38. Select from the options the recommended steps for pen and ink work.
- Detailing, inking and sketching
 - Inking, detailing and sketching
 - Sketching, framing and inking
 - Sketching, detailing and inking
39. Which layout format is **most** suitable for children's story books?
- Grid
 - Landscape
 - Portrait
 - Random
40. The **most** important function of a poster is to
- attract attention.
 - be colourful.
 - be readable.
 - convey information.

END OF PAPER

SC7102&1

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END OF ESSAY TEST