

SC 7102&1  
 WASSCE 2025  
 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 2025

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.*

*Answer four questions only.*

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

1. Discuss **five** contributions of graphic design products in the just ended political activities of Ghana. [15 marks]
  
2. (a) Explain the concept of a *business plan*. [3 marks]  
(b) Describe in an orderly manner, **five** key contents of a business plan for a graphic design enterprise. [10 marks]  
(c) List any **two** types of an artist's portfolio. [2 marks]
  
3. (a) Explain *serigraphy* as it applies in graphic design. [3 marks]  
(b) State **three** merits for using photographic developed screens in printing 2,000 meters of fabric. [3 marks]  
(c) Describe step-by-step, how *silk screen* can be prepared for a *three-colour design* using the lacquer method. [9 marks]
  
4. (a) (i) Define the term *serif*. [2 marks]  
(ii) State **two** characteristics of Roman letters. [2 marks]  
(b) State **three** types of serifs and illustrate **each**. [9 marks]  
(c) A client commissioned you to design a billboard for him. State **two** reasons why you would select sans serif letters over freestyle letters for the project. [2 marks]
  
5. Discuss **five** reasons why manufacturers package their products for market release. [15 marks]
  
6. With the aid of illustration, describe **each** of the following:  
(a) Silhouette;  
(b) Outline drawing;  
(c) Stippling;  
(d) Mass shading;  
(e) Justified layout. [15 marks]

***END OF ESSAY TEST***

# 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 2025', '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 Ben Abu TETTEH. His index number is 7102143958 and he is offering *Graphic Design 1*.

## THE WEST AFRICAN EXAMINATIONS COUNCIL ANSWER SHEET

<b>PRINT IN BLOCK LETTERS</b>	
Name: TETTEH BEN ABU	GHA
Examination: WASSCE (SC)	Year: 2025
Subject: GRAPHIC DESIGN	Paper: 1

<b>INSTRUCTIONS TO CANDIDATES</b>
1. Use grade 2B pencil throughout.
2. Answer each question by choosing one letter and shading like this: <input type="checkbox"/> A <input checked="" type="checkbox"/> B <input type="checkbox"/> C <input type="checkbox"/> D
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	SUBJECT CODE
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**For Supervisors only**

If candidate is absent  
shade this space

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. memory.
- C. observation.
- D. imitation.

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

[A]

[B]

[C]

[D]

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

Do all rough work on this question paper.

Now answer the following questions.

1. The arrangement of elements on a label to achieve visual stability is
  - A. balance.
  - B. proportion.
  - C. rhythm.
  - D. unity.
2. One **main** characteristic of a dust jacket is that it is
  - A. with an intricate design.
  - B. with boldly written titles.
  - C. a permanent cover of a book.
  - D. a detachable cover of a book.
3. Red light is used in the photographic darkroom because
  - A. it provides better vision in the darkroom.
  - B. it regulates the temperature in the darkroom.
  - C. photographic materials are not sensitive to red light.
  - D. photographic materials are sensitive to red light.
4. Select from the options, the invention which took place in the history of printing around 1450 AD.
  - A. Illuminated manuscript
  - B. Lithographic printing
  - C. Movable type
  - D. Square capital
5. Book binding involves the
  - A. decorating of loose sheets of paper with colour.
  - B. fastening of loose sheets together in a protective cover.
  - C. making of objects like birds, insects with paper.
  - D. printing of text and images on sheets of paper.
6. Identify the **most** appropriate technique that an artist would use in illustrating books for basic schools.
  - A. Flat painting and cartooning
  - B. Pen-and-wash and cartooning
  - C. Realism and pen-and-wash
  - D. Realism and flat painting

7. In calligraphy, reed, quill and straw serve as
- materials.
  - supports.
  - surfaces.
  - tools.
8. Variety in a composition can be achieved by using
- different sizes of support.
  - different elements of design.
  - various principles of art.
  - various printing styles.
9. Serifs give letters
- stability.
  - completeness.
  - spacing.
  - legibility.
- I and II
  - II and III
  - III and IV
  - I, II, and IV
10. Which of the following **best** protects a book on a shelf?
- Book jacket
  - Cardboard
  - Slipcase
  - Shelf back
11. Identify the **main** reason why a marker must be capped after use.
- Makes the marker look neat
  - Makes the top soft and shinning
  - Prevents the cap from missing
  - Prevents the ink from evaporating
12. Determine the **best** reason why exercise books, class registers and annual reports are often saddle stitched.
- For beautification
  - It is a convention
  - To facilitate folding
  - To help them open flat
13. Body of a text is **best** indicated in a layout design with
- comping and texting.
  - comping and greeking.
  - looping and centering.
  - greeking and texting.
14. Choose the function of a palette from these options. For
- fixing colours.
  - keeping colours.
  - mixing colours.
  - spreading colours.
15. Which printing method would be employed by a graphic designer in labelling 100 pieces of chairs?
- Letterpress
  - Lithography
  - Stencil
  - Block
16. Identify from the options, the **most** effective pricing **system** to get a fair market share for a new product.
- Going price system
  - Introductory price system
  - Price differentiation system
  - Price discrimination system

17. Determine from the options, applications that are adaptable in designing digital posters.
- I. CorelDraw
  - II. Illustrator
  - III. Photoshop
  - IV. Excel
- A. I and II only
  - B. III and IV only
  - C. I, II, and III only
  - D. I, III, and IV only
18. The **most** distinguishing feature of an italic typeface is its
- A. bold features.
  - B. legible features.
  - C. slanting nature.
  - D. thick nature.
19. Which of these graphic design products can be described as a row of small flags that hung across streets on special occasions?
- A. Boardings
  - B. Buntings
  - C. Flyers
  - D. Pennants
20. In computer graphic designing, the number of pixels determines the images'
- A. depth.
  - B. dexterity.
  - C. resolution.
  - D. sharpness.
21. Select the careers awaiting graphic design students after completing their studies.
- A. Cartooning, illustration, and web designing.
  - B. Laboratory technician, painting and web designing.
  - C. Laboratory technician, painting and art therapy.
  - D. Traffic warden, art therapy and illustration.
22. The **most** essential materials for strengthening the backbone of a book are
- A. boards and glue.
  - B. glue and tapes.
  - C. muslin and boards.
  - D. tapes and muslin.
23. Which of these lines suggest stability in a piece of artwork?
- A. Diagonal
  - B. Horizontal
  - C. Vertical
  - D. Zig-zag
24. Select decorative paper techniques from the options.
- I. Errata
  - II. Marbling
  - III. Spattering
  - IV. Wax resist
- A. I and II only
  - B. III and IV only
  - C. I, II and IV only
  - D. II, III, IV only

25. Lithography operates on the principle that
- images appear in reverse form.
  - images can be transferred unto paper.
  - grease and oil mixes better.
  - grease and water do not mix.
26. Identify the **best** graphic design product that is usually used for commemorative purposes.
- Book jacket
  - Catalogue
  - Package
  - Postage stamp
27. A shade of red produces the colour
- indigo.
  - pink.
  - purple.
  - ruby.
28. Planographic printing is for flat surface, as Grävure printing is for
- incised surface.
  - matt surface.
  - raised surface.
  - smooth surface.
29. Select the graphic design product that contains pictures of goods and services with their respective prices.
- Brochure
  - Banner
  - Catalogue
  - Poster
30. The bristles of a painting brush after use in an oil paint is **best** washed with
- linseed oil.
  - olive oil.
  - petrol.
  - turpentine.
31. Select the countries that contributed to the development of early writing symbols.
- China
  - Egypt
  - England
  - Sumeria
- I, II and IV
  - II, III and IV
  - III and IV
  - I and III
32. While vector graphics rely on paths defined by mathematical formulas, raster graphics are based on
- Adobe.
  - grids.
  - pixels.
  - resolution.
33. One reason for critiquing a graphic design product is to
- direct clients to the location of the designer.
  - find out flaws in the design produced.
  - improve the overall quality of the design.
  - make the designer feel good about the design.

34. Screen printing is similar to  
A. direct printing.  
B. lino printing.  
C. planography.  
D. pictography.
35. In the Ghanaian setting, the colour grey symbolizes  
A. anger.  
B. fear.  
C. pity.  
D. royal.
36. Select the **best** measure that can curb theft internally in a business enterprise.  
A. Use of security cameras  
B. Adopt clocking system  
C. Recruit security guards  
D. Issue receipts
37. Identify the methods of printing from the options.  
I. Lithography printing  
II. Frottage printing  
III. Gravure printing  
IV. Image printing  
A. I and II only  
B. II and III only  
C. I, III and IV only  
D. I, II and III only
38. Choose the sequence for preparing a paper stencil project.  
I. Place stencil onto the desired surface  
II. Trace down the required motif  
III. Dab using foam to get the cut-out motif  
IV. Cut out motif  
A. II, IV, I and III  
B. I, II, IV and III  
C. III, II, I and IV  
D. II, IV, III and I
39. Select the process colours usually used for a full colour project using the offset printing method.  
A. cyan, magenta, yellow and black  
B. cyan, magenta, black and white  
C. red, yellow, blue and black  
D. red, yellow, white and black
40. Identify the **best** safety precautions to adopt when using a spray diffuser in executing a poster work.  
I. Wear nose mask  
II. Wear gloves  
III. Wear helmet  
IV. Wear goggles  
A. I and IV only  
B. II and III only  
C. I, II, and IV only  
D. II, III, and IV only

**END OF PAPER**