

SC7102&1  
 WASSCE 2024  
 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 2024

GRAPHIC DESIGN 2&1  
 Essay and Objective

2 hours 50 minutes

*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**.

All the questions carry equal marks.

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

1. (a) Explain the term *Pricing* as it applies in Graphic Design. [3 marks]
- (b) Identify and discuss any **four** pricing systems that determine the value of a product. [12 marks]
2. (a) Explain the term *poster design* as it applies in Graphic Design. [3 marks]
- (b) Identify and describe **four** ways poster designs were useful during the global outbreak of the COVID-19 pandemic. [12 marks]
3. (a) Suggest **two** binding methods **suitable** for binding a *notepad* intended to serve as a company's souvenir. [2 marks]
- (b) Systematically describe how **any one** of the binding methods suggested in 3(a) can be executed. Support your presentation with illustrations. [13 marks]
4. (a) Explain the concept *colour wheel*. [3 marks]
- (b) Using a pair of compass and other assisting tools, draw the 12-point colour wheel and indicate the colours in **each** segment. [8 marks]
- (c) From 4(b) above, identify **two** examples of **each** of the following colours:
  - (i) Analogous;
  - (ii) Complementary. [4 marks]
5. Describe the following steps in developing a screen using the photographic method:
  - (a) preparation of the solution; [3 marks]
  - (b) coating the screen; [5 marks]
  - (c) developing the screen. [7 marks]
6. (a) Explain the term *typeface* as it applies in Graphic Design. [3 marks]
- (b) Discuss **four** factors to consider when selecting a typeface for a graphic design project. [12 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 2024', '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 Edem Kofi MUSAH. His *index number* is 7102143958 and he is offering *Graphic Design* 1.

**THE WEST AFRICAN EXAMINATIONS COUNCIL  
ANSWER SHEET**

PRINTED IN BLOCK LETTERS. Name: <b>MUSAH EDEM KOFI</b>	GHA
Examination: <b>WASSCE</b>	Year: <b>SC2024</b>
Subject: <b>GRAPHIC DESIGN</b>	Paper: <b>1</b>

**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	0 1 2 3 4 5 6 7 8 9
1	0 1 2 3 4 5 6 7 8 9
0	0 1 2 3 4 5 6 7 8 9
2	0 1 2 3 4 5 6 7 8 9
1	0 1 2 3 4 5 6 7 8 9
4	0 1 2 3 4 5 6 7 8 9
3	0 1 2 3 4 5 6 7 8 9
9	0 1 2 3 4 5 6 7 8 9
5	0 1 2 3 4 5 6 7 8 9
8	0 1 2 3 4 5 6 7 8 9

SUBJECT CODE	
7	0 1 2 3 4 5 6 7 8 9
1	0 1 2 3 4 5 6 7 8 9
0	0 1 2 3 4 5 6 7 8 9
1	0 1 2 3 4 5 6 7 8 9
1	0 1 2 3 4 5 6 7 8 9
3	0 1 2 3 4 5 6 7 8 9

**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. 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.

1. Colours that are related due to the presence of a **common** hue are termed
  - A. analogous.
  - B. complementary.
  - C. intermediary.
  - D. monochromatic.
2. The transformation of concept into visual forms in Graphic Design begins with
  - A. brainstorming.
  - B. camera ready.
  - C. ideation.
  - D. thumbnail sketches.
3. Which of these colours will stand out **best** on a yellow background?
  - A. Blue
  - B. Black
  - C. Red
  - D. White
4. For a billboard to be effective and create its impact, it **must**
  - A. be extremely large.
  - B. always be illustrated.
  - C. carry brief and clear messages.
  - D. have good layout.
5. Which of these solvents is used for thinning poster colours?
  - A. Kerosene
  - B. Turpentine
  - C. Thinner
  - D. Water
6. One of the desirable qualities of lettering in poster design is
  - A. legibility.
  - B. originality.
  - C. stability.
  - D. technicality.
7. The Graphic Designer uses the computer for
  - I. cropping pictures.
  - II. storing designs.
  - III. engraving designs.
  - IV. drawing images.
  - A. I, II and III only
  - B. I, II and IV only
  - C. I, III and IV only
  - D. II, III and IV only

8. One of the outstanding characteristics of roman letters is its
- thick and thin strokes.
  - sans serifs.
  - slab serifs.
  - uniform strokes.
9. The correct order of the factors a designer considers to recover money used in producing an artwork is
- costing, production, advertising and marketing.
  - costing, production, display and marketing.
  - costing, production, educating and marketing.
  - costing, production, pricing and marketing.
10. In graphic design, lacquer is applied over a printed surface to
- give it a glossy finish.
  - give it a bright finish.
  - make the print beautiful.
  - make the print permanent.
11. Which of these colours will complete the triad of green and orange?
- Blue
  - Red
  - Violet
  - Yellow
12. Select another term for formal balance from the options.
- Asymmetrical
  - Justified
  - Symmetrical
  - Unjustified
13. Which of the following methods is associated with the composition of letters?
- Printing
  - Paging
  - Stitching
  - Spacing
14. Identify the benefits for making prototype before the final production of an artwork.
- Allowing for design change
  - Getting more profit
  - Adding value to products
  - Subjecting the product to stress
- I and II only
  - I and III only
  - II and III only
  - II and IV only
15. Select the advantage of perfect binding over other types of binding.
- Additional leaves can be added anytime
  - Only small quantity of glue is used
  - The papers used are usually cheap
  - The sheets are easily removed
16. The negative space in a poster is the
- area that attracts the observer.
  - non-image area of work.
  - outline constructed around the text.
  - portion not covered with paint.

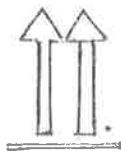
17. Uncontrolled marbling is a form of monoprint because
- kerosene alone can make colour float.
  - only oil paint is used in marbling.
  - one person can make a print at a time.
  - only one print of the pattern can be made.
18. Which of the following printing methods would be **most** suitable for labelling furniture?
- Block
  - Gravure
  - Offset
  - Stencil
19. The accurate printing of a multicolour image depends upon correct
- copying.
  - cropping.
  - registration.
  - reproduction.
20. In CorelDraw, which of these options are used for editing?
- Eyedropper tool
  - Pick tool
  - Shape tool
  - Smart fill tool
- I, II and III only
  - II and III only
  - I, II, III and IV
  - I and IV only
21. Identify the benefit of rubbing a piece of cloth on a poster pasted on a wall.
- To spread the paste well
  - To fix it flat and firm
  - To clear all finger prints on it
  - To prevent the paste from soiling the poster
22. The primary objective of illustrations made in books is to
- decorate the pages of the book.
  - improve the quality of the text.
  - improve understanding of the text.
  - make the pages attractive.
23. In designing a package, the artist considers the product's
- colour scheme.
  - manufacturing process.
  - shape.
  - size.
- I and II only
  - III and IV only
  - II, III and IV only
  - I, II and III only
24. The basic colours upon which all other colours exist is referred to as
- analogous colours.
  - complementary colours.
  - primary colours.
  - secondary colours.
25. How many A4 sheets of paper can be obtained from an A2 sheet?
- 1
  - 2
  - 3
  - 4

26. A sable brush is **best** used for applying  
 A. enamel paint.  
 B. oil paint.  
 C. powder colour.  
 D. water colour.
27. The senses that texture stimulates are  
 A. touch and taste.  
 B. taste and smell.  
 C. sight and touch.  
 D. sight and smell.
28. In order to make a clear tracing on wood block, one has to  
 A. exert a lot of pressure.  
 B. paint the block surface white.  
 C. sand the block surface.  
 D. use a very sharp pencil.
29. The correct order of the steps in perfect binding is  
 I. add cover.  
 II. apply adhesive.  
 III. collate the leaves.  
 IV. trim to size.  
 A. I, III, II and IV  
 B. II, III, I and IV  
 C. III, II, I and IV  
 D. IV, III, I and II
30. Which of these terms refers to the final stage of book production?  
 A. Binding  
 B. Editing  
 C. Printing  
 D. Publishing

Use the diagrams below to answer questions 31 to 34.



A



B



C

31. Diagram 'A' and 'C' are **mostly** found on  
 A. books and magazines.  
 B. computer screens and billboards.  
 C. packages and labels.  
 D. television screens and flyers.
32. What does diagram 'A' represents?  
 A. A box in a palm  
 B. Catching the box  
 C. Handle the box loosely  
 D. Handle with care
33. Which of these statements **best** represents diagram 'B'?  
 A. Two arrows moving up  
 B. Two converging arrows  
 C. Together we stand  
 D. This way up

34. Diagram 'C' symbolizes  
 A. an umbrella and dots.  
 B. a rainy day.  
 C. keep it dry.  
 D. wetting the umbrella.
35. Which of the following is usually practised when a computer is infested by viruses?  
 A. Buy a new computer.  
 B. Install creatively inspired software and restart the computer.  
 C. Install antimalware software and scan the computer.  
 D. Shutdown the computer for sometime.
36. Effective management of a graphic design enterprise include  
 I being attentive to marketing and promotions,  
 II regular entertainment package for employees,  
 III well structuring of the enterprise,  
 IV setting achievable goals.  
 A. I and II only  
 B. II, III and IV only  
 C. I, III and IV only  
 D. I, II, III and IV
37. The graphic designer sends information to the public through the use of  
 I colours  
 II letters  
 III printing  
 IV pictures  
 A. I, II and IV only  
 B. II, III and IV only  
 C. I and II only  
 D. III and IV only
38. Freshly printed sheets, direct from the screen printing area **cannot** be laid on each other because  
 A. ink deposit is too heavy to set and dry immediately.  
 B. ink used creates watery consistency.  
 C. sheets are too light to absorb the ink deposit.  
 D. sheets are too heavy to be laid on each other.
39. In screen printing the design is repeated in alternate spaces to  
 A. allow the squeegee to dry thoroughly.  
 B. ensure that the designs are well registered.  
 C. prevent the screen from picking wet paste.  
 D. test for pinholes during printing.
40. Select the statements that are related to advertisement on graphic products.  
 I. Buying products on hire-purchase  
 II. Displaying products on shelves  
 III. Making an announcement about new products  
 IV. Producing packages for products  
 A. I, II and III only  
 B. I and IV only  
 C. II and IV only  
 D. II, III and IV only

**END OF TEST**