

FREE VIRTUAL MOCK EXAMINATION (5)
MAY 2020
BASIC DESIGN
AND
TECHNOLOGY
(VISUAL ARTS- FABRIC & LEATHER DEC)
ESSAY and OBJECTIVE
 1 hour 55 minutes

2&1

CANDIDATE'S NAME	
INDEX NUMBER	DATE
SIGNATURE	CENTER NUMBER

GB ASSESSMENT TEST (GBAT)

FREE VIRTUAL MOCK EXAMINATION (5)

MAY 2020

BASIC DESIGN AND TECHNOLOGY
(VISUAL ARTS 2&1)
 [70 marks]

1 hour 55 minutes

DIRECTION TO CANDIDATES

1. *All answers must be provided on clean sheet of papers (Answer booklet).*
2. Write your name and index number on the sheets.
3. This booklet consists of only paper 2. Paper 2 is in two sections; I and II. Answer three questions only; Question 1 in part I and two questions from part II. Answer paper 2 &1 in the answer booklet. Paper 2 will last for 1 hour 15 minutes.
4. Write the NUMBER OF QUESTIONS YOU HAVE ANSWERED in the order in which you have written them at the bottom of your answer sheets.

DESIST FROM REFERING TO BOOKS BEFORE

DESIST FROM REFERING TO BOOKS BEFORE PROVIDING ANSWERS

FOR EXAMINERS USE ONLY	
Question Number	Marks
TOTAL	

#COVID-19. STAY HOME. STAY EDUCATED.

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NUMBER YOUR ANSWERS

.....
ii. State **two (2)** types of colour and give one example under each. [2 marks]
.....
.....

(e) i. Who is an entrepreneur? [1 mark]
.....
.....

ii. State **four (4)** factors to keep in mind when locating an enterprise. [2 marks]
.....
.....
.....

SECTION B - [50 marks]

Answer **two** questions **only** from this section

All questions carry equal marks

Write your answers in the spaces provided after each question.

2. (a) Explain the term “Resist Dyeing”
.....
.....

(b) Give any **three (3)** importance of dyeing in fabric and leather decoration
.....
.....

(c) List **four (4)** examples of synthetic dyes.
.....
.....
.....

(d) The passage below describes the method of dyeing a fabric using hot water. Complete the passage by filling each of the blank spaces with the appropriate word listed below.

“Salt, Fabric, immerse, starch, solution, bark, strain, water, Boil.”

Wash the piece of A to be dyed to remove B. Pound the
C of mango tree, mix with D and E it. Put the dye
F on fire to G. Wet the fabric and H it in the bath.
Add I and dye for thirty minutes.

3. (a) What is fabric and leather decoration?
.....
.....

(b) Give only one reason each why the study of fabric and leather decoration is important under the following areas.

i. Cultural
.....
.....

ii. Economics
.....
.....

(c) In the table below, describe the following techniques in fabric and leather decoration.

<u>Technique</u>	<u>Description</u>
(i) Printing	
(ii) Applique	
(iii) Dyeing	

(d) What are leather off-cuts?

4. (a) What is a thong?

(b) List **three (3)** uses of a thong in leather decoration.

(c) Mention only **three (3)** different ways of arranging motifs in a design.

(d) In the space provided below, draw a flower motif and arrange it to repeat six times in full drop pattern.



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.

PAPER 1

1 HOUR

OBJECTIVE TEST

Write your name and index number in ink in the spaces provided above

1. Use **2B** pencil throughout.

2. On the pre-printed answer sheet, check that the following details are correctly printed:

Your surname followed by your other names, the subject Name, your Index Number, Centre Number and the Paper Code.

3. In the boxes marked *Candidate Name*, *Centre Number* and *Paper code*, reshade each of the shaded Spaces.

4. An example is given below. This is for a candidate whose name is Jeffrey Opoku Twum, whose Index Number 0211040067. He is writing the examination at Centre Number 21104 and offering Integrated Science 1 and the Paper code is 2470.

GB ASSESSMENT TEST OBJECTIVE ANSWER SHEET

CANDIDATE NAME: JEFFREY OPOKU TWUM	SUBJECT NAME: VISUAL ARTS
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INSTRUCTIONS TO CANDIDATES	
1. Use grade HB pencil throughout.	
2. Answer each question by choosing one letter and shading it like this	[A] [B] [C] <input checked="" type="checkbox"/> [E]
3. Erase completely any answers 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 sheets.	

CANDIDATE NUMBER									
2	1	1	0	4	0	0	6	7	
0	0	0	0	0	0	0	0	0	
1	1	1	1	1	1	1	1	1	
2	2	2	2	2	2	2	2	2	
3	3	3	3	3	3	3	3	3	
4	4	4	4	4	4	4	4	4	
5	5	5	5	5	5	5	5	5	
6	6	6	6	6	6	6	6	6	
7	7	7	7	7	7	7	7	7	
8	8	8	8	8	8	8	8	8	
9	9	9	9	9	9	9	9	9	

CENTRE NUMBER				
2	1	1	0	4
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2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
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PAPER CODE			
2	4	7	0
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5	5	5	5
6	6	6	6
7	7	7	7
8	8	8	8
9	9	9	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 space which bears the same letter as the option you have chosen. Give only one answer to each question.

1. Which of the following projections shows views in two – dimensions?
A. Isometric
B. Oblique
C. Orthographic
D. Perspective
2. A short statement which describes what a designer intends to design and make is termed as
A. analysis
B. brief
C. situation
D. specification
3. Which of the following serves as a source of energy for a torch light?
A. Bulb
B. Capacitor
C. Cell
D. Inductor

Use the sketch in figure 2 to answer questions 4 and 5

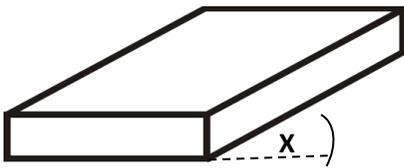


Fig. 2

4. The object is projected in
A. oblique
B. isometric
C. one -point perspective
D. two- point perspective
5. The angle marked x is
A. 15°
B. 30°
C. 45°
D. 60°
6. The factor to consider when specifying for size of a unit is
A. appearance
B. construction
C. function
D. ergonomics
7. An advantage of electric sewing machine is that
A. it can be used everywhere
B. both hands are free to control the work
C. it is inexpensive
D. the top can be used as a cutting surface
8. A suitable fruit for making jam is
A. guava
B. grapefruit
C. watermelon
D. orange
9. The process of tearing or mending faults such as breaks and tears in clothing is referred to as
A. remodeling
B. patching
C. darning
D. renovation
10. The methods of cooking that are commonly used in Ghana are
A. steaming and boiling
B. boiling and frying
C. baking and boiling
D. boiling and roasting
11. Drawing and painting are grouped under

- A. two- dimensional work
 B. three- dimensional work
 C. landscape
 D. still life
12. Any two primary colours mixed together in equal proportions produce a
 A. complementary colour
 B. secondary colour
 C. tint colour
 D. neutral colour
13. Identify a drawing tool from the following items
 A. crayon
 B. paper
 C. palette
 D. ruler
14. Select a neutral colour from the options below.
 A. Blue
 B. Orange
 C. Red
 D. White
15. A vertical line is associated with
 A. movement
 B. rest
 C. stability
 D. uncertainty
16. _____ is one of the decoration techniques that requires a heated tool.
 A. Retting
 B. Scorching
 C. Embroidery
 D. Dyeing
17. In Kente weaving, the _____ in the loom move a set of warp yarns down.
 A. reed
 B. roller
 C. weft picks
 D. beam
18. Embossing is the art of making a raised impression on _____ for decorating purposes.
 A. fabric
 B. leather
 C. wood
 D. plastic
19. The process of joining together two or more layers of fabric with a permanent stitch is known as _____
 A. joining
 B. seam
 C. dyeing
 D. hemming
20. What is the name given to skin of animals which has been tanned using a tanning process?
 A. Tanned skin
 B. Hide
 C. Leather
 D. Kips
21. One of the following is a process of decorating fabric and leather.
 A. Embroidery
 B. Spinning
 C. Knitting
 D. Casting
22. In tie-dyeing, the blocking of chemical from penetration is done by _____
 A. waxing
 B. repeating
 C. soaking
 D. tying
23. Which of the following is a test for animal fabric?
 A. It burns readily in a flame
 B. it burns slowly
 C. it melts and smells like burning hair

- D. it melts and shrinks before burning
24. In making ropes for fabrics, the fibres must be _____ together.
- A. folded
 - B. knitted
 - C. twisted
 - D. woven
25. The fibres obtained from wool are classified as _____
- A. vegetable
 - B. artificial
 - C. natural
 - D. inorganic
26. One method of arranging motifs in a design _____
- A. applique
 - B. embroidery
 - C. counter change
 - D. printing
27. To make sewing of leather easy, threads are _____
- A. waxed
 - B. glued
 - C. greased
 - D. moistened

28. Dyes obtained from bark of mango tree are _____
- A. red
 - B. yellow
 - C. crimson red
 - D. brown
29. Leather off-cut can be used for _____
- A. patch work
 - B. pillow
 - C. embroidery
 - D. mats
30. Batik making involves _____
- A. waxing of fabric
 - B. typing of fabric
 - C. stitching of fabric
 - D. knotting of fabric