

**EDUCATION-NEWS CONSULT
APRIL 2025 BECE MOCK
CAREER TECHNOLOGY
2 HOURS**

Name.....

Index Number.....



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APRIL, 2025

CAREER TECHNOLOGY

2 HOURS

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; **I** and **II**. Answer Paper **2** which comes first in your answer booklet and Paper **1** on your Objective Test answer sheet. Paper **2** will last for **1 hour 15 minutes**, after which the answer booklet will be collected. Do not start Paper 1 until you are told to do so. Paper **1** will last **45 minutes**.

VERY IMPORTANT INSTRUCTIONS TO YOU IF YOU WANT TO PASS THIS PAPER

1. Read through the questions, brainstorm and plan your answers before you finally answer them. This is one of the good ways to manage your time in an exam and to do well.
2. Clearly use simple but detailed sentences and provide the best answers possible at all times.
3. Write answers that provide additional information. If you just list answers or provide one to three worded answers where explanations are required, you will score very low marks or nothing at all.
4. Do well to explain your answers to help earn full marks and give one example at least. Check your units of measurement, spellings, grammar, update answers and read over your work before submitting your script.
5. Write question numbers boldly, start every new major question (answers) on a new page.
6. Do not rewrite the full question before answering. Only write the question number that corresponded to the answer.
7. Show workings in all instances in section B if the question involves calculations.

PAPER 2

ESSAY

[60 Marks]

*This paper consists of **two parts: Part A and Part B**. Answer **four questions only**, **two questions from Part A, question 1 (compulsory)** and **any other one**. Answer **only two questions from PART B, question 4 (compulsory)** and **any other one**.*

PART A

[30 MARKS]

*Answer **two questions only** from this part.*

*Answer **Question 1 [Compulsory]** and **any other one**.*

1. (a) Zalia is to prepare banku for supper for her family. In six sentences, describe how to prepare banku. **[6 marks]**

- (b) A caterer intends to cook yam for a party. Give three cooking methods she can use to create variety. **[3 marks]**

- (c) How would you explain the following cooking terms to your friend? **[6 marks]**

i. Chopping

ii. Beating

iii. Par boiling

iv. Coating

2. (a) Madam Aba intends to manage the quantity and size of food she cooks and serves at home.

(i) What term can be used to describe the practice above? [1 mark]

(ii) State four pieces of equipment she can use to achieve her objective. [4 marks]

(iii) Why is it necessary for her to ensure the practice? Give three reasons. [3 marks]

(b) (i) Give two reasons why wooden chopping boards are disadvantageous to use.

[3 marks]

(ii) What is the difference between a snack and a brunch? [4 marks]

3. (a) A seamstress makes a variety of sewing articles for sale at her shop.
(i) Give three reasons why the edges of sewing articles are finished. [3 marks]

(ii) What three forms of edge finishes can the seamstress use to finish specimens? [3 marks]

(b) i. What is seaming? [3 marks]

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ii. Using the table below, group the following seams under conspicuous and inconspicuous seams. [4 marks]

Open seam	Overlaid seam	Run and fell seam	French seam
Conspicuous seams		Inconspicuous seams	

iii. State the main use of a seam ripper. [2 marks]

PART B

[30 MARKS]

Answer *two* questions *only* from this part.

Answer Question 4 [Compulsory] and *any* other one.

4. Study the illustrations below and answer the questions that follow.

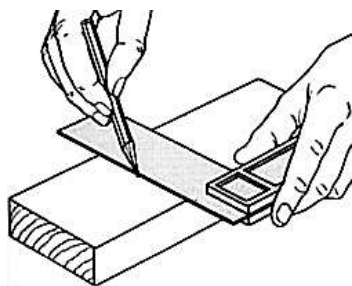


Figure 1

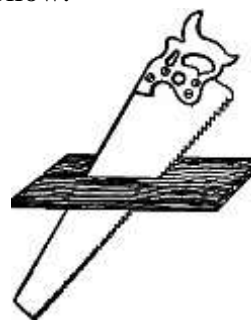


Figure 2

(a) State the main activities shown above in figure 1 and 2. [3 marks]

(b) i. State the name of the tool in Figure 2.

[1 mark]

ii. State two other tools used for carrying out similar activity as shown in Figure 2.

[3 marks]

(c) i. Name the two tools illustrated in Figure 1.

[2 marks]

ii. State two uses each of the tools named in c (i) above.

[4 marks]

(d) Give two safety precautions to ensure when performing the activity in Figure 2.

[2 marks]

5. (a) i. What is the difference between a micro business enterprise and a medium-sized business enterprise?

[4 marks]

ii. What three factors would be required to set up a medium-sized business enterprise?

[3 marks]

(b) Draw a box in a two-point perspective.

[5 marks]

(c) After carrying out an investigation for designing an artefact, state three ways of recording/presenting information gathered.

[3 marks]

6. (a) State the main tool for carrying out the following activities: **[4 marks]**
- Picking mortar from a wooden board or head pan – _____
 - Cutting a piece of wood across the grain – _____
 - Marking and inclined line on a sheet of paper – _____
 - Beating a metal sheet to smoothen it – _____

- (b) At a workshop there are several pieces of materials to be joined to produce artefacts for sale.
- Give four methods or techniques workers at the workshop can use to join pieces of materials together. **[4 marks]**

- ii. What four materials can be used to carry out the activity above? **[4 marks]**

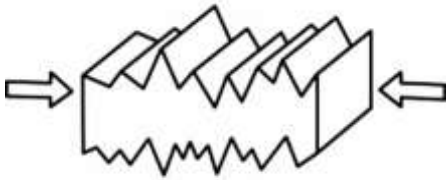
- (c) Explain what is meant by clean energy and give one example of it. **[3 marks]**

PAPER 1 – OBJECTIVE TEST [40 Marks]

50 Minutes

*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.*

- | | |
|---|--|
| <p>1. A stiletto is a tool used in dress making for</p> <p>A. making eyelet holes B. tearing fabrics</p> <p>C. gathering seams D. shaping round necklines</p> | <p>A. Personal B. Food</p> <p>C. Kitchen D. Environmental</p> |
| <p>2. Which of the following foods is prepared using the dry method of cooking?</p> <p>A. Kyinkyinga B. Apapransa</p> <p>C. Tatale D. Tubani</p> | <p>7. The main reason Auntie Araba buys food in season when planning meals is because they are</p> <p>A. easy to obtain on the market</p> <p>B. readily cooked</p> <p>C. cheap and fresh</p> <p>D. soft and nutritious</p> |
| <p>3. The most appropriate food for a person recovering from illness is</p> <p>A. crab soup and boiled yam</p> <p>B. fish palava sauce and mashed yam</p> <p>C. fried yam and shito</p> <p>D. pepper sauce and apitsi</p> | <p>8. It is advisable to sharpen the edges of cutting tools in the kitchen laboratory before use to</p> <p>A. ensure efficiency B. prevent rusting</p> <p>C. preserve the tool D. keep them attractive</p> |
| <p>4. A suitable edge finish for a schoolboy's shorts is</p> <p>A. tacking B. lacing</p> <p>C. thread marking D. hemming</p> | <p>9. Water is very needed in the human body because it</p> <p>A. raises body temperature</p> <p>B. helps in waste elimination</p> <p>C. reduces sleep time of learners</p> <p>D. repairs worn out tissues</p> |
| <p>5. Sarfo advised her sister not to begin a stitch with a knot. The main reason for his advice is that a knot can</p> <p>A. make a garment fade easily</p> <p>B. break buttons easily</p> <p>C. withstand frequent washing</p> <p>D. tear fine fabric</p> | <p>10. A light meal taken before going to bed can be termed as</p> <p>A. high tea B. brunch</p> <p>C. snack D. light toast</p> |
| <p>6. Ama always covers her hair whenever she is cooking. What type of hygiene is she ensuring?</p> | |

11. A baby's petticoat, socks and gloves can be made through a method called
 A. crocheting B. knotting
 C. tailor tacking D. fibre generation
12. The measurement needed when making a trouser for a male is
 A. hip size B. crotch length
 C. across back D. hem size
13. Fashion designers make garments, they may also be good in
 A. tool pricing B. room upholstery
 C. interior cleaning D. floor estimation
14. A suitable tool for protecting the finger when sewing is
 A. mender B. pinking shear
 C. thimble D. interlacing
15. All the following help in ensuring safety at the kitchen laboratory when manufacturing an artifact **except**
 A. proper tool arrangement
 B. replacing missing nails
 C. spraying faulty joints
 D. using efficient tools
16. During the second break, a student took a bottle of sobolo with meat pie, this meal can be termed a/ an
 A. elevenes B. midday light
 C. brunch D. snack
17. A caterer suffered scalds while preparing food for a party. What could be the cause of the accident?
 A. Contact with dry heat
 B. Touching hot soup
 C. Drinking too cold juice
 D. Sharp object cut
18. Hydrogen peroxide is applied to fresh wounds after a cut to
 A. prevent infection B. stop bleeding
 C. relieve pain D. close up wounds
19. All the under-listed methods are traditionally used to keep food items for long periods **except**
 A. smoking B. salting
 C. drying D. frying
20. A topical issue in the society that is **not** initiated by humans is
 A. war B. landslide
 C. pollution D. poor farming systems
21. The joints of a wooden table can be beautifully finished by
 A. gluing B. nailing
 C. welding D. binding
22. Which type of saw is best used to cut across the grain of wood?
 A. Tenon saw
 B. Crosscut saw
 C. Rip saw
 D. Hacksaw
23. Which tool would Adongo use to cut a metal pipe into two equal pieces?
 A. Rip saw
 B. Tenon saw
 C. Hacksaw
 D. G-clamp
24. When creating a washing stand for a school, it is good to consider the following steps **except**
 A. the user of the unit
 B. materials available
 C. construction techniques
 D. age of the producer
25. Drawing and painting are grouped under
 A. imaginative drawing B. caricature
 C. still life drawing D. technical drawing
26. Zakaria wants to paint a storey building, the best structure to use is a
 A. ladder B. scaffold
 C. packed block D. crane
27. Why is it necessary to put on safety apparatus when working at the wood workshop?
 A. To make tools efficient
 B. To protect the body against injuries
 C. To produce enough emergency exit point
 D. To cover make the body firm to touch
28. "The artefact would be used for keeping stationery items". This statement falls under the design
 A. analysis B. evaluation
 C. investigation D. specification
29. Which of the following timbers is the least durable
 A. Odum B. Mahogany
 C. Sapele D. Wawa
30. The type of force acting on the object shown below is

 A. Gravitational force
 B. Tension force
 C. Compressional force
 D. Torsion force

- 31.** What tool is used to spread mortar when raising a fence wall?
- A. Spirit level
 - B. Builders square
 - C. Trowel
 - D. Float
- 32.** A material developed through the invention of new or improved processes is referred to as
- A. Compliant material
 - B. Smart material
 - C. Modern material
 - D. Resistant material
- 33.** An aluminium worker intends to punch a hole in pieces of metal. What is the best tool to use?
- A. Drill
 - B. Clamp
 - C. Caliper
 - D. Dredger
- 34.** What would a sprayer use to dilute lacquer before pouring it into a sprayer diffuser?
- A. Turpentine
 - B. Thinner
 - C. Water
 - D. Diesel
- 35.** Tension force is exerted on an elastic material to
- A. bind it
 - B. compress it
 - C. stretch it
 - D. twist it
- 36.** The curved surface of a cylinder is unfolded to form a
- A. circle
 - B. pentagon
 - C. tetrahedron
 - D. rectangle
- 37.** In oblique drawing, the right side of a solid object is inclined at
- A. 30°
 - B. 45°
 - C. 60°
 - D. 75°
- 38.** Which pair of tools can best be used to break a block when building a house?
- A. Mallet and float
 - B. Wedge and hammer
 - C. Bolster and club hammer
 - D. Hacksaw and wooden mallet
- 39.** A two-dimensional shape with adjacent sides is
- A. triangle
 - B. rhombus
 - C. trapezium
 - D. kite
- 40.** Which of the following is the reason for marking out and measuring a material before use?
- A. To avoid wastage of material
 - B. To improve the surface of the material
 - C. To make the material durable
 - D. To obtain a special design