

**EDUCATION-NEWS CONSULT
2024 BECE HOME MOCK**

CAREER TECHNOLOGY 1 & 2

1 HR 45 MIN

Name.....

Index Number.....



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EDUCATION-NEWS CONSULT MOCK – 2024 EDITION FOR 2024 BECE

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SPECIAL PERFORMANCE BOOSTER – MOCK 3

JANUARY 2024

CAREER TECHNOLOGY

1 HR, 45 MINS

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, after which the answer book let will be collected. Do not start Paper until you are told to do so. Paper 1 will last 45 minutes.

VERY IMPORTANT INSTRUCTIONS

- 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. Write clearly, use simple expressions and provide the best answers possible.*
- 3. Write answers that provide additional information. If you just list answers or provide one to three worded answers, your will fail the paper.*
- 4. Do well to explain your answers to help earn full marks. Check your units of measurement, spellings, grammar and read over your work before submitting.*
- 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.*
- 7. Show workings in all instances in section B if the question involves calculations.*

TURN OVER

PAPER 2

ESSAY

[70 MARKS]

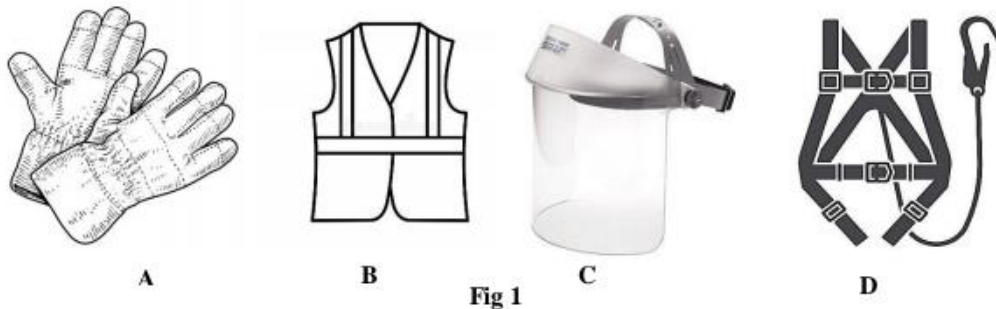
This paper is in two sections: A, and B. Answer Question 1 in section A and one question from section B. Answer all the questions on the question paper. Credit will be given for clarity of expression and orderly presentation of material

SECTION A

COMPULSORY

[30 MARKS]

1. (a) Figure 1 below shows some personal protective equipment (PPEs) that guarantee safety. Use it to answer the questions that follow



- (i) Identify names of A, B, C and D in Figure 1. [4 marks]
- (ii) State one use each of item A, B, C, and D in Figure 1. [4 marks]
- (iii) List one accident or injuries that are likely to occur if A, B, C, and D are not in place. [2 marks]

- (b) (i) Name a specific application for each of the following compliant materials;
- (α) bleed proof paper;
 - (β) duplex car;
 - (γ) corrugated cardboard. [6 marks]

(ii) The table shows working tools. Provide two specific compliant materials each tool is commonly used on.

Tools	Two compliant materials
Painting tools	
Saws	
Screwdrivers	
Drills	

[4 marks]

- (c) (i) Briefly explain how sleep and relaxation contribute to good grooming. [5 marks]
- (ii) Give five reasons why eating balanced diet is important for grooming. [5 marks]

SECTION B

[40 MARKS]

Answer only two questions from this section

2. (a) (i) Explain the difference between good grooming and personal hygiene. [4 marks]
- (ii) List four factors that promote good grooming. [4 marks]
- (b) (i) State two uses of the following personal protective equipment.
- (α). Goggles;
 - (β). ear muffs;
 - (γ). Booths. [6 marks]
- (c) (i) Explain what is meant by maintaining safe working environment. [2 marks]
- (ii) State four importance of keeping the working environment safe. [4 marks]

3. (a) (i) Explain what is meant by clean energy. [2 marks]
(ii) Describe briefly what happens when clean energy is used. [5 marks]
(b) (i) State four good food hygiene practices. [4 marks]
(ii) Give three reasons why raw foods should be kept separately. [3 marks]
(c) (i) Explain what is meant by good grooming. [2 marks]
(ii) Mention four significances of good grooming. [4 marks]
4. (a) List five safety practices at workplaces. [5 marks]
(b) (i) Explain what is meant by food hygiene. [2 marks]
(ii) Outline five appropriate food hygiene practices. [5 marks]
(c) (i) Discuss four factors that influence the selection of resistant materials. [4 marks]
(ii) State four differences between compliant and resistant materials. [4 marks]

END OF ESSAY TEST

PAPER 1
OBJECTIVE TEST **35 MINUTES**
Answer All Questions

Each question is followed by four options lettered A to D. Find out 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.

- Which of the following is an essential step in good grooming?
A. Eating fast food daily.
B. Taking regular showers.
C. Ignoring dental care.
D. Wearing dirty clothes.
- Why do resistant materials demand specific handling techniques in laboratories?
A. To reduce safety measures.
B. Due to their inherent simplicity.
C. Because they pose specific risks and hazards.
D. Because they require minimal precision
- What can lead to poor sanitation in the community?
A. Regular waste management practices.
B. Proper disposal of sewage and garbage.
C. Overflowing trash bins.
D. Community sanitation programs.
- How can you maintain good oral hygiene?
A. Avoid brushing your teeth.
B. Floss regularly.
C. Skip dental check-ups.
D. Chew gum instead of brushing.
- What type of PPE should you wear when handling chemicals in the lab?
A. Safety goggles and gloves
B. Just gloves
C. Lab coat
D. Regular clothing
- What influences the choice of compliant materials in designing household furniture?

- A. Lack of safety measures.
 - B. Availability and durability.
 - C. Complexity and lack of variety.
 - D. Ease of disposal.
7. What factors determine the selection of compliant materials in automotive manufacturing?
- A. Safety measures and durability.
 - B. Lack of variety.
 - C. Ease of disposal.
 - D. Complexity and minimal risks.
8. Which is a good grooming habit?
- A. Not brushing your teeth
 - B. Wearing dirty clothes
 - C. Keeping your hair clean and brushed
 - D. Ignoring personal hygiene
9. What should you do to prevent food contamination?
- A. Keep raw and cooked foods together on the same plate.
 - B. Use the same utensils for raw and cooked foods.
 - C. Store raw meat separately from other foods.
 - D. Wash raw meat with soap before cooking.
10. What are the results of poor sanitation practices in schools?
- A. Improved learning outcomes.
 - B. Increased absenteeism due to illness.
 - C. Reduced hygiene-related illnesses.
 - D. Better academic performance.
11. What should you do after using the bathroom and before handling food?
- A. Wear gloves.
 - B. Wash your hands thoroughly with soap and water.
 - C. Use a towel to wipe your hands quickly.
 - D. Use hand sanitizer.
12. Which of the following is an example of good food storage practice?
- A. Storing raw meat above vegetables in the refrigerator.
 - B. Using open containers for storing leftovers in the fridge.
 - C. Storing perishable foods in a cool and dry place.
 - D. Leaving food uncovered in the fridge.
13. What influences the choice of compliant materials in construction?
- A. Durability and strength.
 - B. Availability and cost.
 - C. Lack of safety measures.
 - D. Complexity of handling
14. Why are specific tools crucial for handling resistant materials in laboratories?
- A. To make the process simpler.
 - B. Due to their minimal risks.
 - C. Because they are similar to compliant materials.
 - D. To ensure precision and safety.
15. Which practice contributes to proper grooming?
- A. Not washing hands before eating.
 - B. Neglecting hair care.
 - C. Using clean and tidy clothes.
 - D. Avoiding bathing.

16. Why is it crucial to wear closed-toe shoes in the workshop?
 - A. To protect feet from falling objects or spills.
 - B. To make walking difficult.
 - C. For fashion purposes.
 - D. To impress friends.
17. How often should you change your clothes for good hygiene?
 - A. Only when they appear visibly dirty.
 - B. Every few days.
 - C. Every day or after sweating.
 - D. Once a week.
18. What is the first step when reporting an accident in school or a workshop?
 - A. Notify a friend.
 - B. Report to the teacher or supervisor immediately.
 - C. Ignore the incident.
 - D. Wait until the end of the day to report it.
19. Why do resistant materials demand specialized safety measures?
 - A. Because they are similar to compliant materials.
 - B. Due to their inherent safety features.
 - C. Because they pose specific risks and hazards.
 - D. To complicate the handling process.
20. Which action helps maintain good grooming practices?
 - A. Not washing hands after using the bathroom.
 - B. Avoiding regular haircuts.
 - C. Keeping nails clean and trimmed.
 - D. Wearing wrinkled and stained clothes
21. Which of the following is a primary factor contributing to poor sanitation in communities?
 - A. Regular waste collection and disposal.
 - B. Limited access to sanitation facilities and proper waste management.
 - C. Increased access to clean water.
 - D. Community cleanliness programs.
22. Why is access to improved cook stoves and fuels beneficial?
 - A. They increase indoor pollution.
 - B. They reduce fuel consumption and indoor air pollution.
 - C. They are more expensive and less efficient.
 - D. They emit harmful gases.
23. How often should you clean and disinfect surfaces in the kitchen?
 - A. Only when they appear dirty.
 - B. Once a week.
 - C. Every day, especially after preparing raw meat.
 - D. Never clean kitchen surfaces.
24. What are the benefits of improved cookstoves?
 - A. They increase indoor pollution.
 - B. They decrease fuel efficiency.
 - C. They require more maintenance.
 - D. They reduce fuel use and harmful emissions.
25. What is a significant benefit of clean energy sources?
 - A. They generate more pollution.
 - B. They contribute to increased health risks.
 - C. They reduce environmental pollution and health hazards.
 - D. They decrease health concerns.

26. What influences the choice of compliant materials in medical equipment?
- A. Safety measures and compliance with medical standards.
 - B. Complexity and lack of variety.
 - C. Ease of disposal.
 - D. Minimal safety features.
27. How should you handle broken glassware in the laboratory?
- A. Use bare hands to pick it up.
 - B. Discard it in regular trash.
 - C. Picking them and throwing it away.
 - D. Use gloves and a brush and dustpan to clean it up.
28. Why do resistant materials demand specialized handling?
- A. To complicate the process.
 - B. Because they are similar to compliant materials.
 - C. Due to their potential risks and hazards.
 - D. Because they require less precision.
29. When should you remove loose clothing or jewelry before working in a workshop?
- A. Never remove them.
 - B. Always wear them.
 - C. When leaving the workshop.
 - D. Before using machinery or tools.
30. What role does access to clean water play in preventing poor sanitation?
- A. It worsens sanitation conditions.
 - B. It helps maintain hygiene and prevents diseases.
 - C. It's unnecessary for hygiene practices.
 - D. It's used only for recreational purposes.