

KCSE 2024 REGIONAL MOCKS

HOME SCIENCE

*The PDF Comprises of A Compilation of 4
Top Joint National Mocks Administered
across the 47 Counties for KCSE Class of
November 2024*

For Marking Schemes:

**Call/ Text/ Whatsapp
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KENYA EDUCATORS CONSULTANCY

Table of Contents

| | |
|-----------|--|
| 1. | Nairobi & Central Joint National mocks 2024 |
| 2. | Nyanza & Western Joint National mocks 2024 |
| 3. | Coastal & Eastern Joint National mocks 2024 |
| 4. | Rift Valley & North Eastern Joint National mocks 2024 |

Confidential!!!

Success to all KCSE 2024 Candidates

KENYA EDUCATORS CONSULTANCY

MINISTRY OF EDUCATION (KNEC COMPLIANT)

HOMESCIENCE 441/2

CLOTHING CONSTRUCTION

CLASS OF KCSE 2024

PAPER 2

THE NAIROBI & CENTRAL REGIONS KCSE
JOINT NATIONAL MOCK 2024

Kenya Certificate of Secondary Education (KCSE)

CONFIDENTIAL

INSTRUCTIONS TO TEACHERS

The following materials will be provided by the school:

- (a). Plain light weight cotton fabric 45cm long by 90cm wide
- (b). Sewing cotton thread to match the fabric
- (c). Elastic band **12cm** long and **1 cm** wide
- (d). Safety pins
- (e). One large envelope

MINISTRY OF EDUCATION (KNEC COMPLIANT)

Name: _____ Index No: _____

School: _____ Candidate's Sign _____

Date: _____

441/1

HOMESCIENCE

Paper 1

Theory

CLASS OF KCSE 2024

THE NAIROBI & CENTRAL REGIONS KCSE
NATIONAL MOCK 2024

Kenya Certificate of Secondary Education (KCSE)

Time: 2 ½ Hours

Instructions to candidates:

- Write your name, Index No in the spaces provided above.
- This paper consists of sections A, B and C.
- Answer all question in section A and Band any two questions from section C.
- Answers to ALL questions MUST be written in this booklet

Examiner's use only

| Section | Question | Maximum score | Candidate's score |
|-------------|----------|---------------|-------------------|
| A | 1-21 | 40 | |
| B | 22 | 20 | |
| C | | 20 | |
| | | 20 | |
| | | | |
| TOTAL SCORE | | 100 | |

MINISTRY OF EDUCATION (KNEC COMPLIANT)

SECTION A

Answer all the questions in this section in the spaces provided- [40 marks]

1. State two ways of meeting the physical need of a patient recuperating at home.[2 marks]

2. **What** does daily cleaning involve? [1 mark]

3. **Give two** reasons why it is important to repair clothes. [2 marks]

4. **Mention two** disadvantages of Braising as a cooking method. [2 marks]

5. **Give two** demerits of using hard water when washing clothes. (2 marks)

6. **State two** causes of premature birth. [2 marks]

7. **Define** the term interfacing [1 mark]

MINISTRY OF EDUCATION (KNEC COMPLIANT)

8. **List down two** factors to consider when setting the table [2 marks]

9. **State two** ways through which safe parenthood is achieved. [1 marks]

10. **Give two** advantages of using solar as a source of fuel. [2 marks]

11. **List down the three** main methods of attaching collars to neck line. [3 marks]

12. **Give two** factors to consider when planning for the lighting of various rooms in the home.

[2 marks]

13. **Mention two** dangers of poor ventilation in a room. [2 marks]

14. **State two** disadvantages of advertisements. [2 marks]

15. **Mention three** minerals found in milk [3 marks]

16. **Give two** functions of a clothes horse. [2 marks]

MINISTRY OF EDUCATION (KNEC COMPLIANT)

17. **Give two** undesirable properties of silk that make it unsuitable for underwear .[2 marks]

18. The diet of elderly persons is affected by the physiological changes which occur in the body at this stage. **State two** of these changes. [2 marks]

19. **Mention two** points on the precautions to take when a child has diarrhea. (2 marks)

20. **Define** the term weaning (2 marks)

21. **Give two** causes of puckering of the material during stitching. (2 marks)

SECTION B - [20 marks]

COMPULSORY QUESTION

MINISTRY OF EDUCATION (KNEC COMPLIANT)

Answer this question in the spaces provided at the end of section C

22. You are planning to host small children who will attend your younger brother's birthday Party.

(a). Giving reasons outline the procedure you will use to thoroughly clean a plastic table to be used by the children. (6 marks)

(b). **Outline** the steps to follow when laundering your brother's acrylic socks. (9 marks)

(c). Outline the procedure to follow when cleaning a plain wooden chopping board that you will use. (5 marks)

SECTION C [40 marks]

Answer any TWO questions from this section in the spaces provided at the end of this section.

23. [a]. Explain three factors that determine the choice of a seam (6 marks)

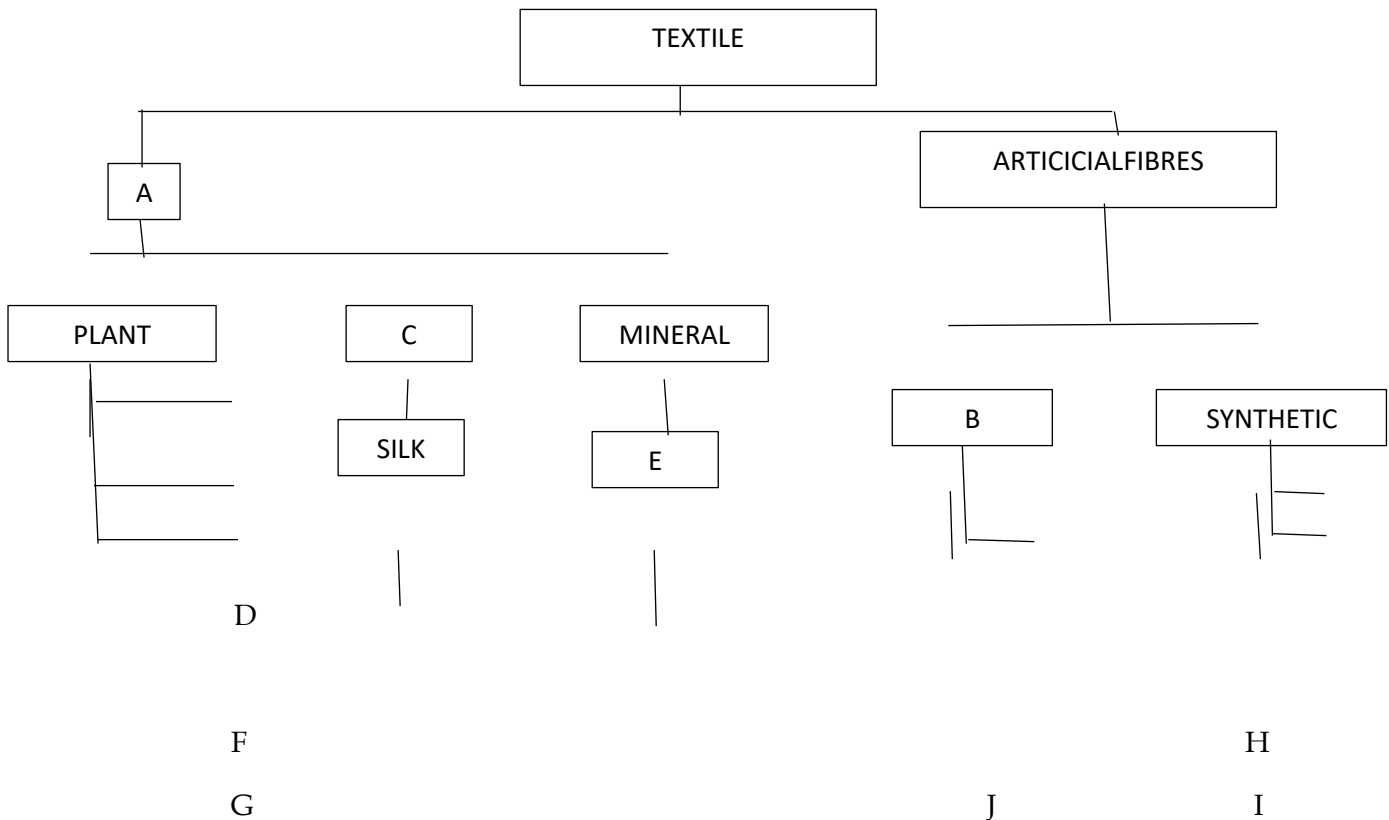
[b]. Mention four qualities of a well-made seam (4 marks)

(c). Briefly explain the procedure of making an open seam. (6 marks)

(d). Give four methods of finishing a hem. (4 marks)

24. (a). Fill in the missing information. [10 marks]

MINISTRY OF EDUCATION (KNEC COMPLIANT)



(b). (ii). Discuss typhoid under the following sub-headings

- (a). Cause (1 mark)
- (b). Signs and symptoms of typhoid (3 marks)
- (c). Prevention and control. (6 marks)

- 25. (a). **Give four** reasons why food should be stored properly (4 marks)
- (b). **Explain four** traditional methods of preserving foods (8 marks)
- (c). **Mention five** symptoms of food poisoning. (5 marks)
- (d). **Mention three** desirable qualities of a container for storing drinking water. (3 marks)

MINISTRY OF EDUCATION (KNEC COMPLIANT)

Name: _____ **Index No:** _____

School: _____ **Candidate's Sign** _____

Date: _____

441/2

HOMESCIENCE

Paper 2

Practical

Time: 2 ½ Hours

**THE NAIROBI & CENTRAL REGIONS KCSE JOINT NATIONAL
MOCK 2024**

441/2

HOMESCIENCE [CLOTHING CONSTRUCTION]

Paper 2

Time: 2 ½ hours

INSTRUCTIONS

A pattern of a child's dress is provided. You are advised to study the sketches, the question paper and the layout before you begin the test.

MATERIALS PROVIDED

1. Pattern pieces.
A - Blouse front
B - Blouse back

MINISTRY OF EDUCATION (KNEC COMPLIANT)

- C - Pocket Front shirt facing
- D - Collar
- E - Sleeve

NB. Interfacing for the collar should be cut from same fabric using the collar pattern.

2. Light weight plain cotton fabric **45cm** long by **90cm** wide.
3. Sewing thread to match the fabric.
4. elastic **12cm** long and **1cm** wide.
5. One large envelop and bodkin needle/safety pins.

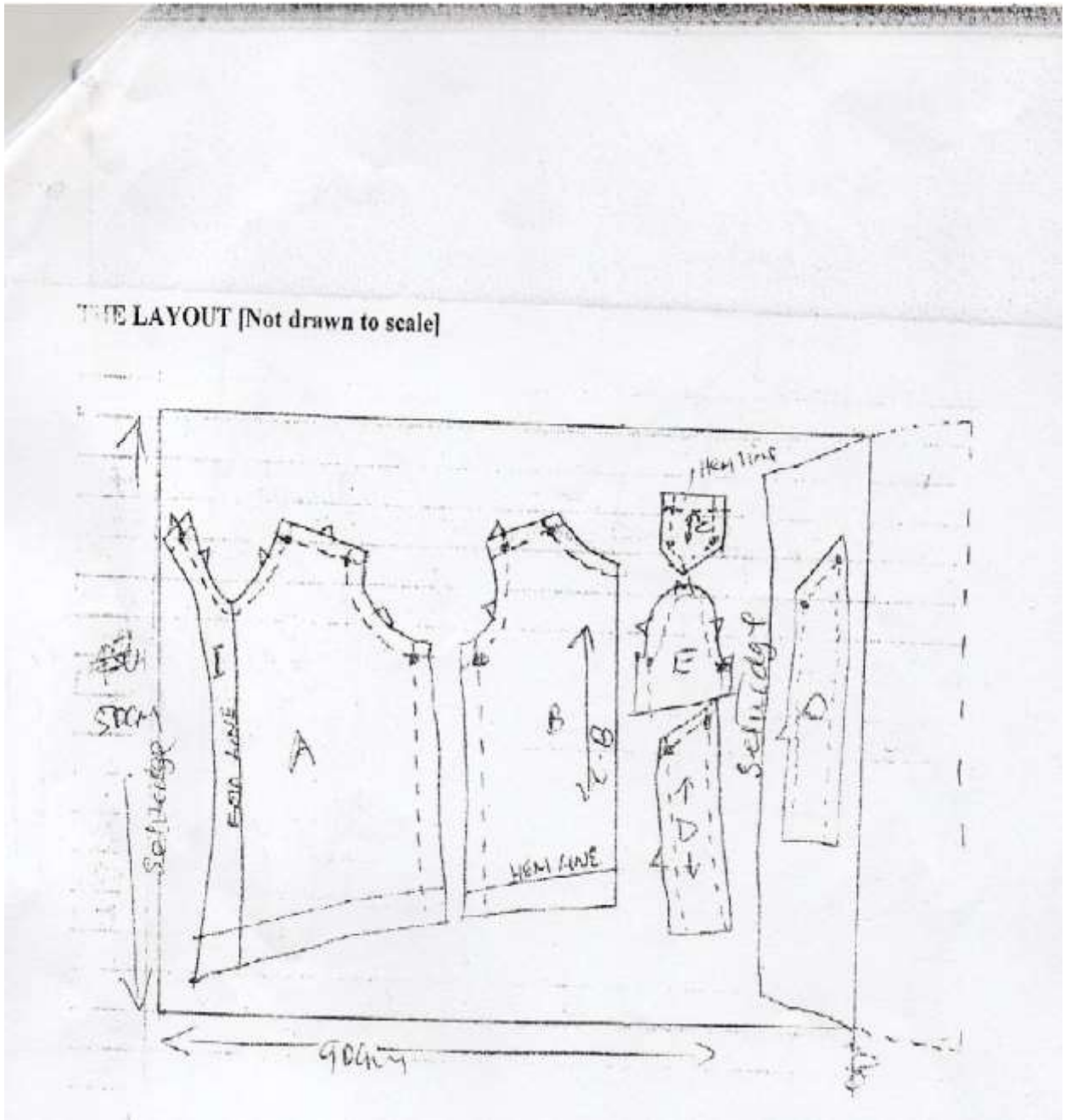
THE TEST

Using the materials provided, cut out and make up the left half of the blouse/bodiece to show the following;

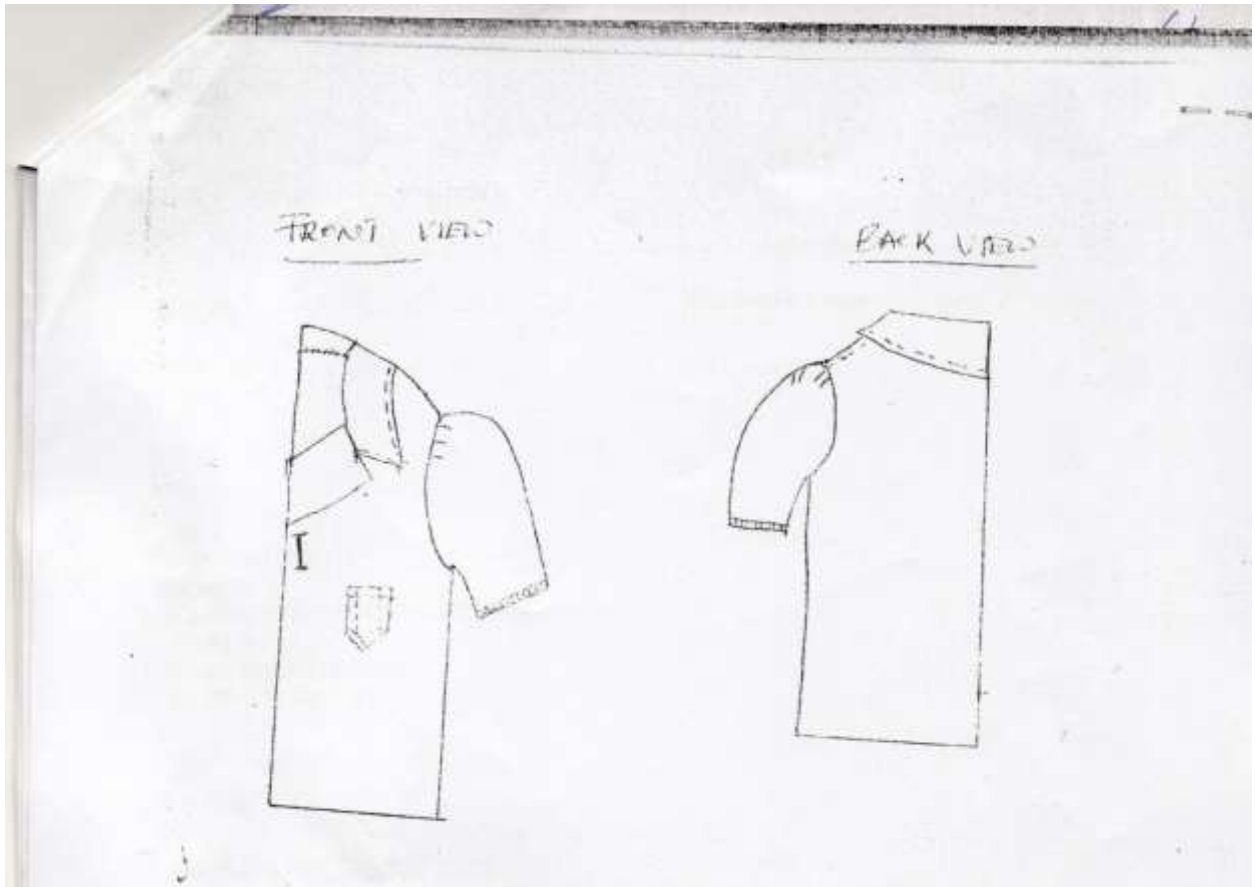
- a) Making of a double stitched seam at the shoulder, on the RS
- b) Making of the side seam using an open seam.
- c). Neatening of the facing.
- d). Preparation of an interfaced collar.
- e). Preparation and attachment of the collar by sandwiching it between the facings.
- f). Preparation and attachment of the patch pocket.
- g). Management of the hem using slip hemming stiches (**blouse front only**)
- h). Making of a button hole by hand.
- i). Making a casing at the hem of the sleeve leaving an insertion gap of 1.5cm a centimeter away from the sleeve seam.
- j). The working of gathers at the crown of the sleeve.
- k). The attaching of the sleeve.
- l). The insertion of elastic without closing the insertion gap.
- m). Cutting of a straight tear and repairing using fishbone stitch.

NOTE:

- At the end of the examination, firmly sew on your work a single fabric, a label bearing your name and index number.
- Remove the needles and pins from your work then fold your work neatly and place it in the envelop provided
- Do not put scraps of fabric with your work.



MINISTRY OF EDUCATION (KNEC COMPLIANT)



MINISTRY OF EDUCATION (KNEC COMPLIANT)

Name: _____ Index No: _____

School: _____ Candidate's Sign _____

Date: _____

441/3

HOMESCIENCE

Paper 3

CLASS OF KCSE 2024

[FOOD AND NUTRITION]

THE NAIROBI & CENTRAL REGIONS KCSE

JOINT NATIONAL MOCK 2024

Kenya Certificate of Secondary Education (KCSE)

Practical

Time: 3 ¼ Hours

441/3

HOMESCIENCE

Paper 3

Planning session: 30 minutes

Practical session 1 ¼ hours

INSTRUCTIONS TO CANDIDATES

- Read the test carefully.
- Textbooks and recipes may be used during planning session as reference materials
- You will be expected to keep to your order of work during the practical session.
- You are not allowed to bring additional notes to the practical session.

This paper consists of 2 printed pages.

Candidates should check the question paper to ascertain that all the pages are printed as indicated and no questions are missing

MINISTRY OF EDUCATION (KNEC COMPLIANT)

H/Science 441/3

THE TEST

Your cousin is coming to visit you at your home. Using the ingredients listed below, prepare, cook and serve a one-course meal and a dessert for three two of you.

Ingredients

- Rice/maize flour/wheat flour/potatoes/bananas
- Beef/meat
- Tomatoes
- Onions
- Dhania
- Kales/cabbages
- Fruits
- Sugar
- Fat
- Royco
- Salt
- Capsicum

Planning Session.

Use separate sheets of paper for each task listed below and a carbon paper to make duplicate copies and proceed as follows:-

- (i). Identify the dishes and write down their recipes
- (ii). Write down your order of work.
- (iii). Make a list of the food stuff, equipment and materials you would require.

Instructions to the candidates

- Read the test carefully.
- Write your name and index number on every sheet of paper used.
- Text books and recipes may be used during planning session as reference materials.
- You will be expected to keep to your order of work during practical session.
- You are not allowed to bring any additional notes to the practical session.

MINISTRY OF EDUCATION (KNEC COMPLIANT)

NAME:.....ADM NO.....CLASS.....

DATESIGN.....

441\1

HOMESCIENCE

PAPER 1

THEORY

CLASS OF KCSE 2024

TIME: 2 ½ HRS

THE NYANZA & WESTERN REGIONS KCSE

JOINT NATIONAL MOCK 2024

Kenya Certificate of Secondary Education (KCSE)

Instruction to candidates

- a. Write your name and index in the spaces provided.
- b. This paper consists of 3 sections A, B and C.
- c. Answer all questions in section A.
- d. Section B is compulsory.
- e. Choose ANY 2 questions in section C.
- f. Answers to all questions must be written in the spaces provided.
- g. Candidates should answer all questions in English.

MINISTRY OF EDUCATION (KNEC COMPLIANT)

SECTION A: COMPULSORY

1. State 2 disadvantages of maisonettes (2mks)

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2. Give 2 reasons why butter/ margarine are unsuitable for deep fat frying (2mks)

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3. State 2 self-neatening seams (1mk)

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4. List 2 conditions that encourage the growth of micro-organisms (2mks)

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5. Name 2 types of Beriberi (2mks)

MINISTRY OF EDUCATION (KNEC COMPLIANT)

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6. Give 2 advantages of advertising on a billboard
(2mks)

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7. Give 2 ways of preventing the spread of dandruff (2mks)

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8. State 3 points to bear in mind when choosing a good candle
(3mks)

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MINISTRY OF EDUCATION (KNEC COMPLIANT)

9. Outline 4 edge neatening stitches
(2mks)

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10. Give 2 reasons for blanching vegetables
(2mks)

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11. Suggest 4 reasons which may cause menstruation to cease (2mks)

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12. Distinguish between sponging and spotting (2mks)

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13. State 4 uses of milk in cookery (2mks)

MINISTRY OF EDUCATION (KNEC COMPLIANT)

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14. Give 2 advantages of home confinement
(2mks)

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15. State two factors that determine the cleansing action of a detergent
(2mks)

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16. Suggest two reasons that may lead to a mother giving birth to a deformed baby
(2mks)

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MINISTRY OF EDUCATION (KNEC COMPLIANT)

17. List four soft furnishings used in the bedroom
(2mks)

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18. State 2 functions of pockets in a garment
(2mks)

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19. List 2 grooming habits that prevents skin diseases
(2mks)

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SECTION B COMPULSORY

20. Your brother is celebrating his birthday and has requested you assist in cleaning
- a) Outline the procedure of thoroughly laundering his loose coloured T-shirt
(8mks)
 - b) Clean an oil painted wall
(8mks)
 - c) Clean a plain wooden chopping board
(4mks)

MINISTRY OF EDUCATION (KNEC COMPLIANT)

SECTION C

Answer any two questions from this section in the spaces provided

21. a. Explain 4 precautions to take to prevent occurrence of food poisoning when handling left over foods
(8mks)
- b. Highlight 4 laundry practices that harm wool
(4mks)
- c. write down 3 qualities of a well-made pastry
(8mks)
- d. Explain the preparation of a sewing machine in readiness for stitching
(5mks)
22. a. State 5 ways of saving energy when lighting a home
(5mks)
- b. Highlight 4 ways of enhancing personal health
(4mks)
- c. Giving a reason suggest 3 nutrients that should be increased during pregnancy
(3mks)
- d. With the aid of a diagram outline in procedure of making an overlaid seam
(8mks)
23. a. State 4 reasons for softening hard water for laundry work
(4mks)
- b. Explain 4 main causes of malnutrition in the country
(8mks)
- c. Explain the preparation and attachment of a squared patch pocket
(8mks)

MINISTRY OF EDUCATION (KNEC COMPLIANT)

HOMESCIENCE

(CLOTHING CONSTRUCTION)

CLASS OF KCSE 2024

(PRACTICAL)

THE NYANZA & WESTERN
REGIONS KCSE JOINT NATIONAL
MOCK 2024

Kenya Certificate of Secondary Education (KCSE)

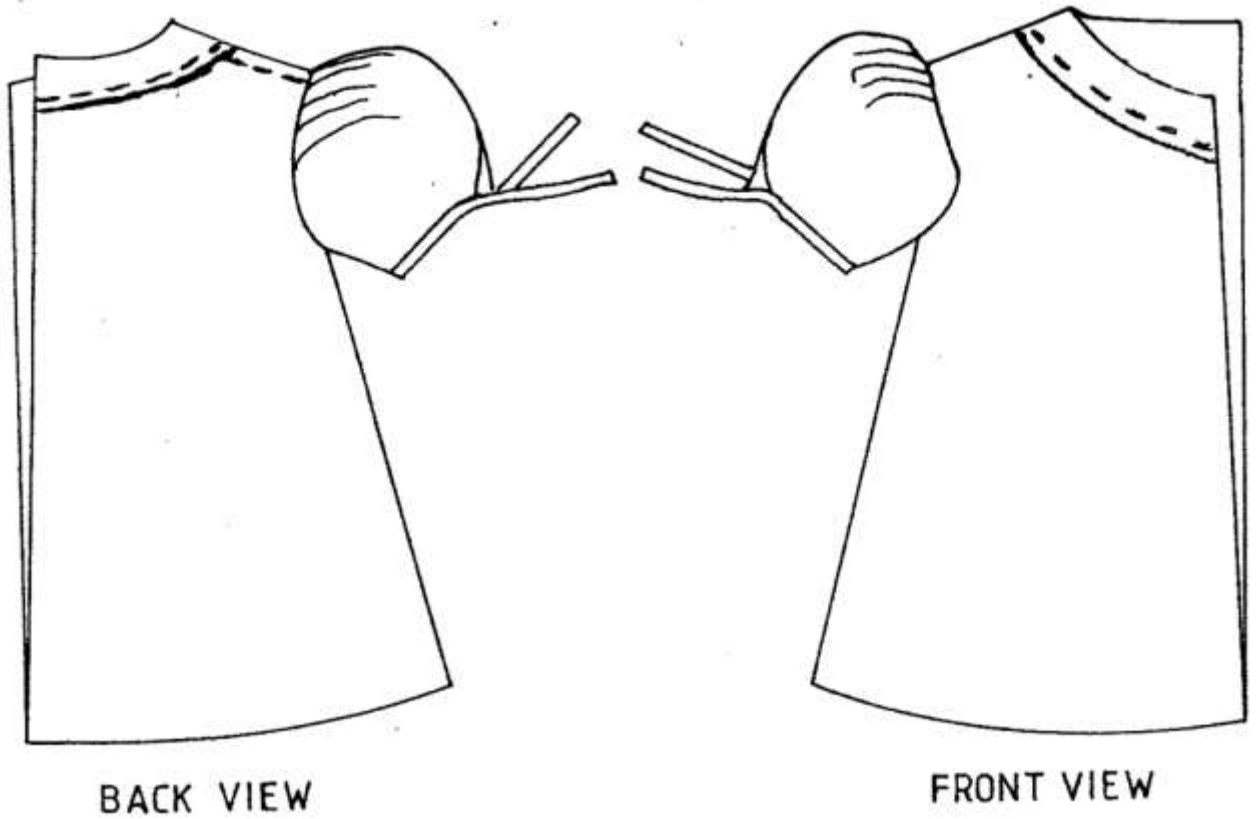
2½HRS

Confidential to school.

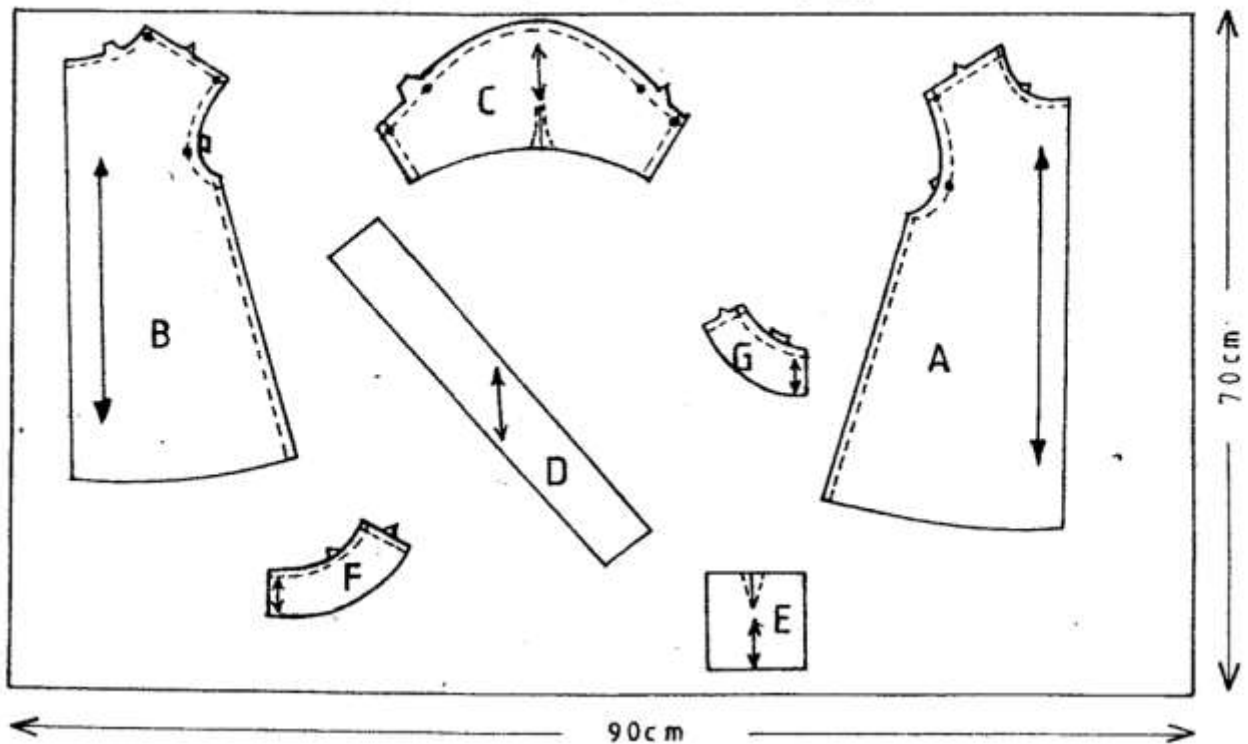
The school to provide the following:

- (a) Plain light weight cotton fabric 70cm long by 90cm wide.
- (b) Sewing thread to match fabric
- (c) KCSE 2007 pattern

MINISTRY OF EDUCATION (KNEC COMPLIANT)



THE LAYOUT (NOT DRAWN TO SCALE)



MINISTRY OF EDUCATION (KNEC COMPLIANT)

441/2 HOMESCIENCE

(CLOTHING CONSTRUCTION)

(PRACTICAL)

CLASS OF KCSE 2024

2½HRS

THE NYANZA & WESTERN REGIONS KCSE
JOINT NATIONAL MOCK 2024

Kenya Certificate of Secondary Education (KCSE)

Instructions to candidates

Candidates should check the question paper to ascertain that all the pages are printed.

MINISTRY OF EDUCATION (KNEC COMPLIANT)

A pattern of a child's dress is provided. You are advised to study the sketches, the question paper and the layout carefully before you begin the test.

MATERIAL PROVIDED

1. Pattern pieces
 - A Dress front
 - B Dress back
 - C Sleeve
 - D Sleeve binding and ties
 - E Sleeve opening facing
 - F Front neck facing
 - G Back neck facing
2. Plain light weight cotton fabric 70cm long by 90cm wide.
3. Sewing thread to match fabric.

THE TEST

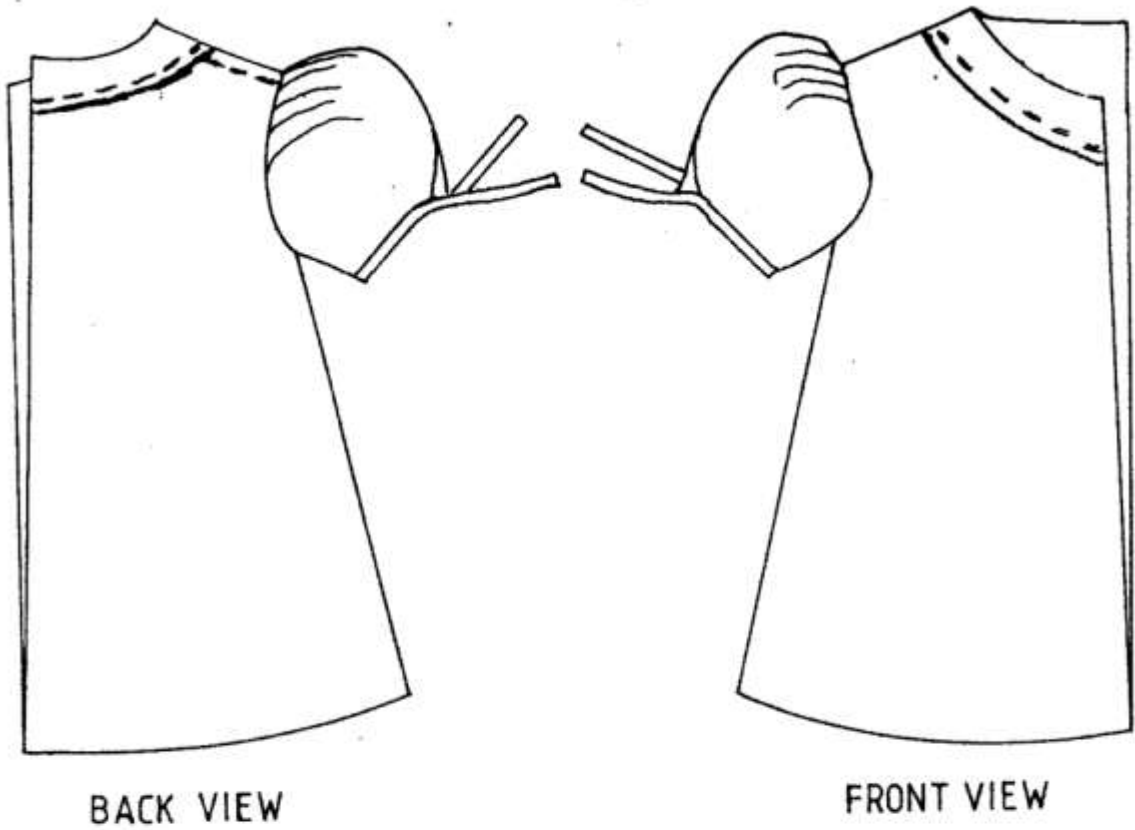
Using the materials provided, cut out and make up the RIGHT HALF of the child's dress to show the following processes:

- (a) Cutting out (15mks)
- (b) Making of the shoulder seam using double stitched seam. (8mks)
- (c) The joining of the side with open seam. (7mks)
- (d) The preparation of a faced sleeve opening. (9mks)
- (e) Making of the under arm seam using French seam. (8mks)
- (f) The binding of the lower edge of the sleeve and preparation of the tie ends. (10mks)
- (g) The preparation and attachment of the sleeve. DO NOT TRIM OR NEATEN THE ARMHOLE SEAM ALLOWANCE. (8mks)
- (h) The preparation and attachment of neck facings. (12½mks)
- (i) Edge stitching at the hem ready for hemming. (6mks)
- (j) Overall presentation. (6½mks)

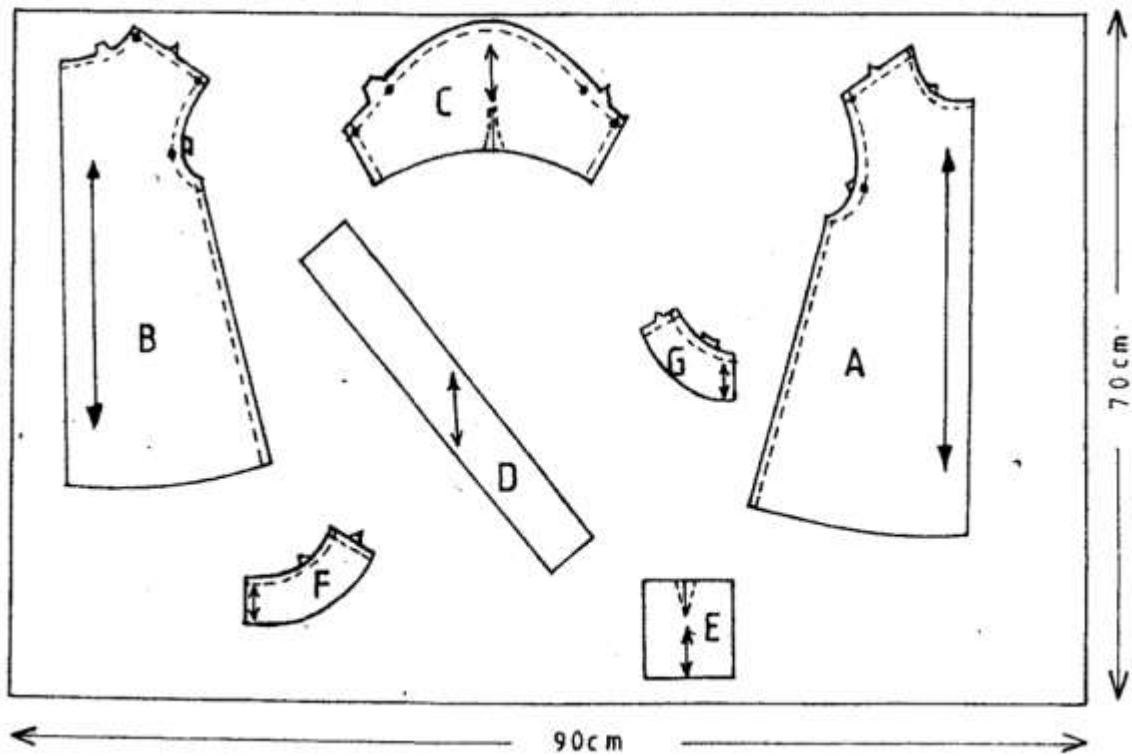
MINISTRY OF EDUCATION (KNEC COMPLIANT)

At the end of the examination, firmly sew onto your work, on a single fabric a label bearing your name and index number. Remove the needles, pin and loose threads from your work. Fold your work neatly and place it in the envelope provided. Do not put scraps of fabric in the envelope. Do not seal the envelope.

MINISTRY OF EDUCATION (KNEC COMPLIANT)



THE LAYOUT (NOT DRAWN TO SCALE)



MINISTRY OF EDUCATION (KNEC COMPLIANT)

NAME:.....ADM NO.....CLASS.....

DATESIGN.....

441\3

HOMESCIENCE

PAPER 3

FOODS AND NUTRITION

CLASS OF KCSE 2024

TIME: 1 HR 45 MINUTES

THE NYANZA & WESTERN REGIONS KCSE

JOINT NATIONAL MOCK 2024

Kenya Certificate of Secondary Education (KCSE)

PLANNING: 30 MINUTES

PRACTICAL :1 HR 15 MINUTES

THE TEST

You are taking care of your older sister who is recuperating at home, using the ingredients listed below, prepare cook and serve a suitable two course meal for the two of you.

Ingredients

MINISTRY OF EDUCATION (KNEC COMPLIANT)

- Rice/Irish potatoes
- Minced meat/liver
- Onions
- Tomatoes
- Ripe bananas
- Lemon
- Pawpaws/mangoes
- pineapples
- Carrot
- Salt
- Oil/fat
- sugar
- cabbage
- Dhania

For each task below, use separate sheets of paper and make duplicate copies using carbon paper. Then proceed as follows:-

1. Identify the dishes and write the recipes
2. Write your order of work
3. Make a list of the foodstuff and equipment you will require.