

KCSE 2025 TOP SCHOOLS MOCKS

HOME SCIENCE

(MOCK EXAMS 1-10)

To encourage academic excellence, top-performing national schools collaborate on the “National Schools” joint mock exam compilation. The goal of this collaborative effort is to push students and enhance their readiness for national exams through the use of challenging tests. The goal of participating schools' resource and strategy sharing is to raise student achievement and promote an achievement-focused culture.

KEY TO SUCCESS!

For Marking Schemes

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MWALIMU CONSULTANCY

KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 1

441/1

HOME-SCIENCE

PAPER 1**TIME: 2½ HOURS**

NAME.....

SCHOOL..... SIGN.....

INDEX NO..... ADM NO.....

Kenya Certificate of Secondary Education.

INSTRUCTIONS TO STUDENTS

- a) Write your name, admission number and class in the spaces provided*
- b) Sign and write the date of the examination in the spaces provided*
- c) This paper consists of **three** sections: **A**, **B** and **C***
- d) Answer **all** the questions in sections **A** and **B** and any two questions in section **C***
- e) Answers to all the questions must be written in the spaces provided in the paper*

FOR EXAMINER'S USE ONLY

SECTION	QUESTION	MAXIMUM SCORE	STUDENT'S SCORE
A	1- 20	40	
B	21	20	
C		20	
		20	
TOTAL SCORE		100	

SECTION A: (40 marks)

Answer all the questions in the spaces provided

1. State **two** methods of cooking using dry heat. (2 marks)
2. Name **two** types of tacking stitches. (2 marks)
3. List **two** types of hand sewing needles. (2 marks)
4. Highlight **two** ways of enhancing personal health. (2 marks)
5. Give **two** advantages of baking as a cooking method. (2 marks)
6. Give **two** methods of ventilation. (2 marks)
7. Mention **two** ways of reducing a bulk in a seam. (2 marks)
8. List **four** items in the house that can be **recycled** (2 marks)
9. Mention **two** general functions of minerals in the body. (2 marks)
10. Give the meaning of Kitchen hygiene. (2 marks)
11. Mention the **two** colour schemes that are used for interior decoration. (2 marks)
12. State **two** functions of sebaceous glands in the skin. (2 marks)
13. Give **two** uses of a seam ripper. (2 marks)
14. Give **two** agents used in coating food during deep frying. (2 marks)
15. Give **two** factors that determine size of a patch pocket. (2 marks)
16. State **two** points to be observed when washing articles with non-fast colour. (2 marks)
17. Mention **two** ways to identifying silk using burning test. (2 marks)
18. Mention **two** ways of enriching leftover foods. (2 marks)
19. Give **two** disadvantages of using candles for lighting. (2 marks)
20. Mention **two** uses charcoal as fuel. (2 marks)

SECTION B (COMPULSORY) 20 MARKS

Give your answers in the space provided after the question

- 21.) You have been left alone at home and you have decided to do some cleaning,
- a) **Describe** how you would wash a neglected aluminum pan (4marks)
 - b) **Explain** how to thorough clean an enamel plate. (7 marks)
 - c) **Give** the procedure of cleaning a hurricane lamp (omitting the glass) (9 marks)

SECTION C (40 MARKS)

Answer only two questions from this section and use the spaces provided below. Each question carries equal marks

- 22 a)** Give **five** points on conservation of energy in lighting. **(5 marks)**
- b)** Explain **three** suitable conditions for the growth of yeast. **(6 marks).**
- c)** Describe how to prepare and attach a shaped round patch pocket . **(9 marks)**
-
- 23 a)** Explain **four** advantages of stewing as a method of cooking. **(8 marks)**
- b)** Draw and name three different symbols likely to be found on care label of a woolen garment. **(6 marks)**
- c)** Describe how to prepare a front and back facing using one well labeled diagram. **(6 marks)**
-
- 24 a)** Explain **four** reasons why hospitals would not use silk fabric for their bed sheets. **(8 marks)**
- b)** Give **four** precautions to observe when using a micro – wave oven. **(6 marks)**
- c)** Explain **three** good qualities of a kitchen plan. **(6 marks)**

KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 1

441/2

HOME-SCIENCE

PAPER 2

TIME: 2½ HOURS

NAME.....

SCHOOL..... SIGN.....

INDEX NO..... ADM NO.....

Kenya Certificate of Secondary Education.

441/2

HOMESCIENCE

PRACTICAL– Paper 2

(CLOTHING CONSTRUCTION)

INSTRUCTIONS TO CANDIDATES

- a) This paper consists of 3 printed pages*
- b) Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.*
- c) Candidates must use machine stitches appropriately in the construction of the garment*
- d) Hand stitches used instead of machine stitches will not be marked*
- e) Hand stitches will only be allowed for the making of **hemming** and **tacking** stitches.*
- f) Candidates should answer the questions in English.*

GIRL'S SKIRT

A pattern of a girl's skirt is provided. You are required to study the sketches, instructions and layout carefully before you begin the test.

MATERIALS PROVIDED

1. Pattern pieces
 - A. – Skirt back
 - B. – Yoke (front)
 - C. – Lower skirt (front)
 - D. – Front waistband
 - E. – back waistband
 - F. – frill
2. Plain lightweight cotton fabric 56cm long by 90cm wide.
3. Sewing thread to match the fabric.
4. One large envelope.

THE TEST

Using the materials provided, cut out and make the **left half** of the girl's skirt to show the following processes:

- a) Cutting out (14mks)
- b) Making of the dart at the back skirt (6 ½ mks)
- c) Joining of the yoke front to the lower skirt front using an overlaid seam. **Do not trim. Neaten half the seam using loop stitches.** (12mks)
- d) Attaching of the frill to the lower skirt front using a plain seam. Leave the gathering stitches and do not trim the seam allowance. (11mks)
- e) Making of the skirt side seam from the yoke to the hemline using an open seam. (7mks)
- f) Attaching of the front and back waistbands and holding them in place using tacking stitches. (21mks)
- g) Making of the worked buttonhole. (12mks)

OMIT

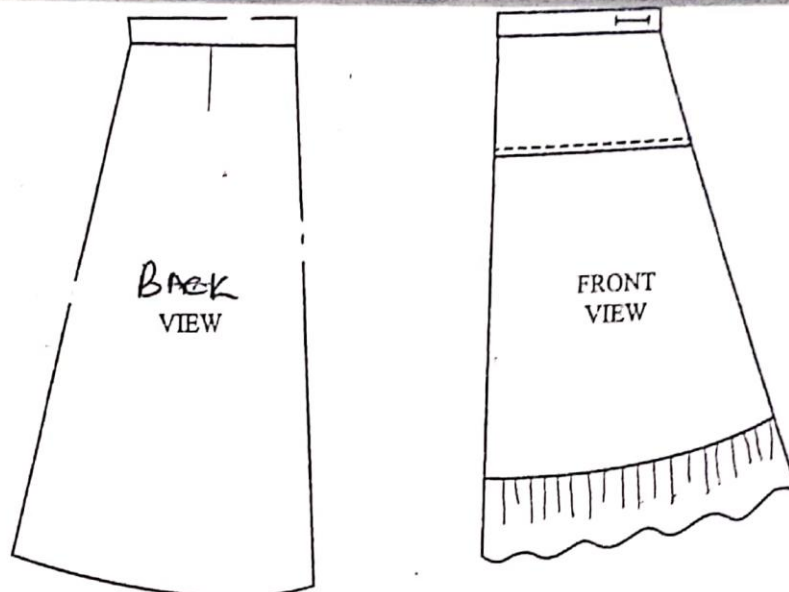
The management of the skirt hem.

Overall presentation (6 ½ mks)

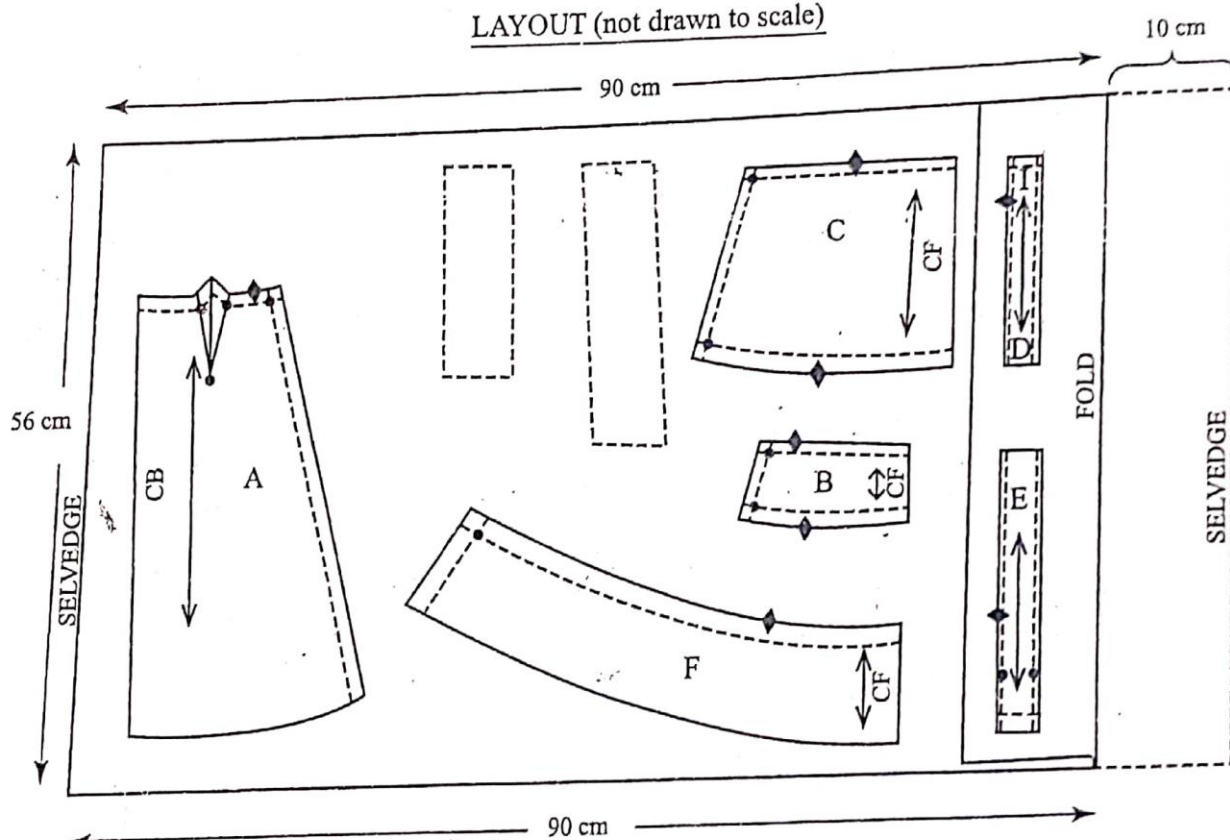
At the end of the examination, firmly sew onto your work, on a single fabric, a label bearing your name and index number. Remove the needle, pins and loose threads from your work. Fold your work neatly and place it in the envelope provided. **Do not put scraps of fabric in the Envelope.**

Do not seal the envelope.

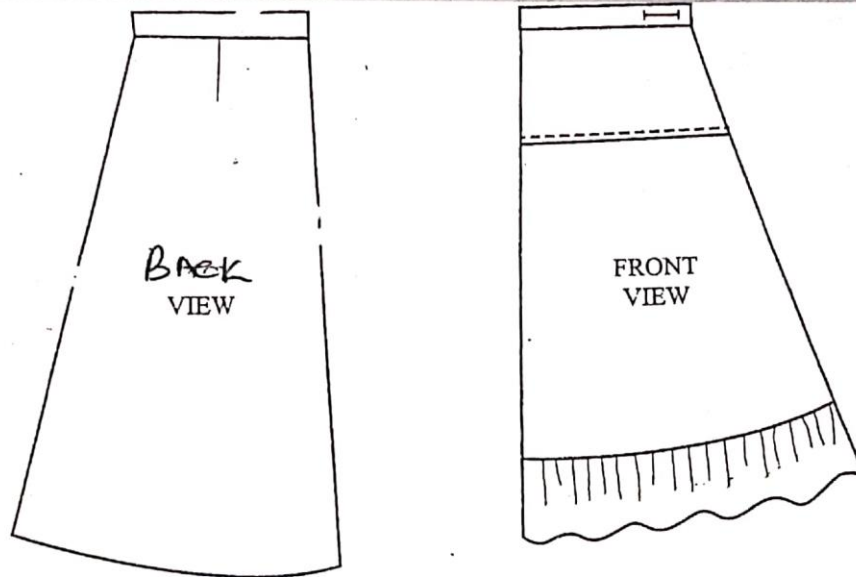
SKIRT VIEWS



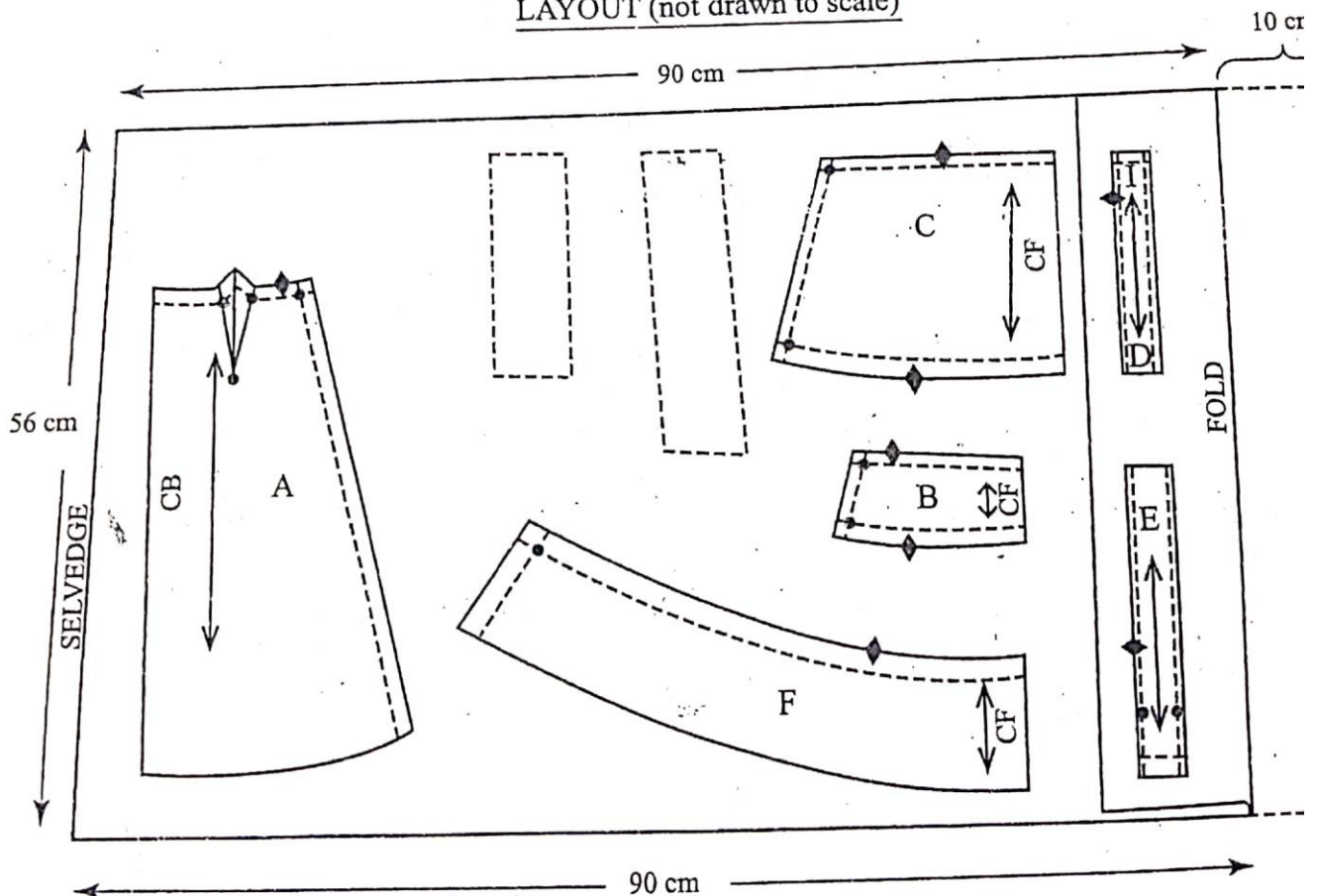
LAYOUT (not drawn to scale)



SKIRT VIEWS



LAYOUT (not drawn to scale)



KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 2

441/1

HOME-SCIENCE

PAPER 1**TIME: 2½ HOURS**

NAME.....

SCHOOL..... SIGN.....

INDEX NO..... ADM NO.....

Kenya Certificate of Secondary Education.

INSTRUCTIONS TO STUDENTS

- a) Write your name, admission number and class in the spaces provided*
- b) Sign and write the date of the examination in the spaces provided*
- c) This paper consists of **three** sections: **A**, **B** and **C***
- d) Answer **all** the questions in sections **A** and **B** and any two questions in section **C***
- e) Answers to all the questions must be written in the spaces provided in the paper*

FOR EXAMINER'S USE ONLY

Section	Question	Maximum Score	Student's Score
A	1-15	40	
B	16	20	
C		20	
		20	
TOTAL SCORE		100	

SECTION A – (40 MARKS)

Answer all the questions in the spaces provided

1. Give four sources of vitamin C. (2mks)
2. Mention two infectious diseases spread through sharing of bath towels. (2mks)
3. List down three functions of gathers on a garment. (3mks)
4. State three reasons for facing a garment. (3mks)
5. Suggest any three suitable situations when one may be required to serve convenience foods. (3mks)
6. List down four methods of disinfecting clothes other than chemical disinfectants. (2mks)
7. Give three benefits achieved by a child playing with toys. (3mks)
8. Suggest three ways of improving the efficiency of a detergent. (3mks)
9. a) List down four suitable qualities for a cushion cover. (2mks)
b) Give two activities at the antenatal clinic. (2mks)
10. Giving a suitable example of a food explain the importance of following terms and their importance in cookery.
 - i) Basting:-
 - ii) Blending:-
 - iii) Simmering
11. Give two signs of a well groomed person. (2mks)
12. Highlight three ways of identifying one's skin type. (3mks)
13. Mention three points to ensure when improvising a tooth brush. (3mks)
14. State two roles of salt when cleaning or laundering handkerchiefs. (2mks)
15. State two causes of suffocation. (1mk)

SECTION B (COMPULSORY)

(20 MARKS)

16. You have been away for a camp and have just arrived back home.
 - a) Describe how you will weekly-clean the hurricane lamp. (6mks)
 - b) Cleaning a painted wall. (8mks)
 - c) Cleaning a polished wooden stool. (6mks)

SECTION C – (40 MARKS)

Answer any TWO questions only

- 17.** a) Explain five factors to consider when renting a house. (5mks)
b) Five points to bear in mind when choosing a broom include? (5mks)
c) Point out five principles of food preservation. (5mks)
d) Give five steps to follow when removing a mildew stain from a white cotton shirt. (5mks)
- 18.** a) Suggest five uses of carrots in cookery. (5mks)
b) Explain four reasons why it would not be advisable to buy a refrigerator on hire purchase. (8mks)
c) State and explain on four qualities of a well made cuff. (4mks)
d) State the function of each of the following bedding items. (3mks)
i) Waterproof sheet. (1mk)
ii) Mosquito netting (1mk)
iii) Blankets (1mk)
- 19.** a) List down five dental rules. (5mks)
b) Suggest five preventive measures of drowning. (5mks)
c) By use of relevant diagrams explain how to prepare and attach a squared patch pocket. (10mks)

KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 2

441/2

HOME-SCIENCE

PAPER 2

TIME: 2½ HOURS

NAME.....

SCHOOL..... SIGN.....

INDEX NO..... ADM NO.....

Kenya Certificate of Secondary Education.

441/2

HOMESCIENCE

**PRACTICAL– Paper 2
(CLOTHING CONSTRUCTION)**

INSTRUCTIONS TO CANDIDATES

- a) This paper consists of 3 printed pages*
- b) Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.*
- c) Candidates must use machine stitches appropriately in the construction of the garment*
- d) Hand stitches used instead of machine stitches will not be marked*
- e) Hand stitches will only be allowed for the making of hemming and tacking stitches.*
- f) Candidates should answer the questions in English.*

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

iv) **MATERIAL PROVIDED**

Pattern pieces

A front bodice

B Back bodice

C Back yoke

D Collar

E Back neck facing

2. Light weight cotton fabric 50cm long by 91cm wide.

3. Sewing cotton thread to match.

4. One large envelop.

The test

Using the materials provided, cut out and make the right half of a child's dress bodice as shown in the sketch to show the following.

a) Working of a bust dart.

b) Gathering of the front bodice ready for attaching the yoke Do not remove gathering stitches

c) The attachment of the back yoke to the back bodice using overlaid/lapped seam.

Do not neaten

a) The working of a machine fell seam at the shoulder.

b) The working of an open seam at the side of the bodice.

c) The joining of the back and the front neck facings at the shoulder.

d) The preparation of the collar and attaching it to the bodice.

e) Under stitching the facing and the free edge.

f) The working of a button hole.

At the end of the exam, remove all pins and unnecessary tacking from your work. Sew on a label bearing your name and index number on a single fabric. Fold and place it in the envelop provided. **Do not put scraps of fabric in the envelop**

KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 3

441/1

HOME-SCIENCE

PAPER 1**TIME: 2½ HOURS**

NAME.....

SCHOOL..... SIGN.....

INDEX NO..... ADM NO.....

Kenya Certificate of Secondary Education.

INSTRUCTIONS TO STUDENTS

- a) Write your name, admission number and class in the spaces provided*
- b) Sign and write the date of the examination in the spaces provided*
- c) This paper consists of **three** sections: **A**, **B** and **C***
- d) Answer **all** the questions in sections **A** and **B** and any two questions in section **C***
- e) Answers to all the questions must be written in the spaces provided in the paper*

FOR EXAMINER'S USE ONLY

Section	Question	Maximum Score	Student's Score
A	2- 20	40	
B	21	20	
C		20	
		20	
TOTAL SCORE		100	

SECTION A - (40MKS)**Answer All The Questions In This Section**

1. Mention two methods used to coat food before frying (2mks)
2. Name four foods that can be given to child in the management of kwashiorkor. (4mks)
3. Name two seams commonly used when joining side seams of heavy fabric. (2mks)
4. State two dangers of smoking during pregnancy (2mks)
5. Which two reasons make stainless steel unsuitable for cooking food. (2mks)
6. In two well stated points. Say why babies who are fed on formula diarrhea. (2mks)
7. Mention two advantages of having labels on consumer products. (2mks)
8. Two qualities of a well made sleeve. (2mks)
9. Suggest four ways of decorating an apron (2mks)
10. State four different forms in which laundry soap is found. (4mks)
11. Mention any two categories of convenience foods. (2mks)
12. List down any two uses of salt in flour mixtures. (2mks)
13. State two advantages of making personal clothes (2mks)
14. Give any 3 reasons for food preservation. (3mks)
15. Which are the two major forms of malnutrition? (2mks)
16. Outline any 3 precautions to take when using Kerosene as a fuel. (3mks)
17. Identify any 2 disadvantages of credit buying. (2mks)
18. Outline any 2 characteristics of a well- made French seam. (2mks)
19. State any 2 ways in which sodium is lost in the body (2mks)
20. Mention any three skin infections that can occur if the skin is not given proper care. (3mks)

SECTION B- (20MKS) COMPULSORY

20. You have gone to visit your grandmother over the ½ term break.
- a) Launder her loose coloured Lesso. (8mks)
 - b) Weekly – clean her Hurricane lamp (8mks)
 - c) Clean a calabash (4mks)

SECTION C.

Select And Answer Any Two Questions From This Section.

22 (a) State four points consider when choosing personal accessories.

(b) State and explain any qualities of a well made in – seam **pocket (6mks)**

(c) Give any two reasons for each of the following in clothing construction

i) Top stitching

ii) Stay – stitching

iii) Snipping

(d) Giving specific examples of colours from the colour wheel, describe the following colour schemes commonly used in interior decorations.

i) Analogous colour scheme. **(2mks)**

ii) Split complementary colour scheme **(2mks)**

(c) Explain 3 points to consider when choosing soft furnishings in the home. **(6mks)**

(d) Point out four requirements of a good kitchen floor. **(4mks)**

23. (a) Outline five reasons for finishing plain wooden surfaces. **(5mks)**

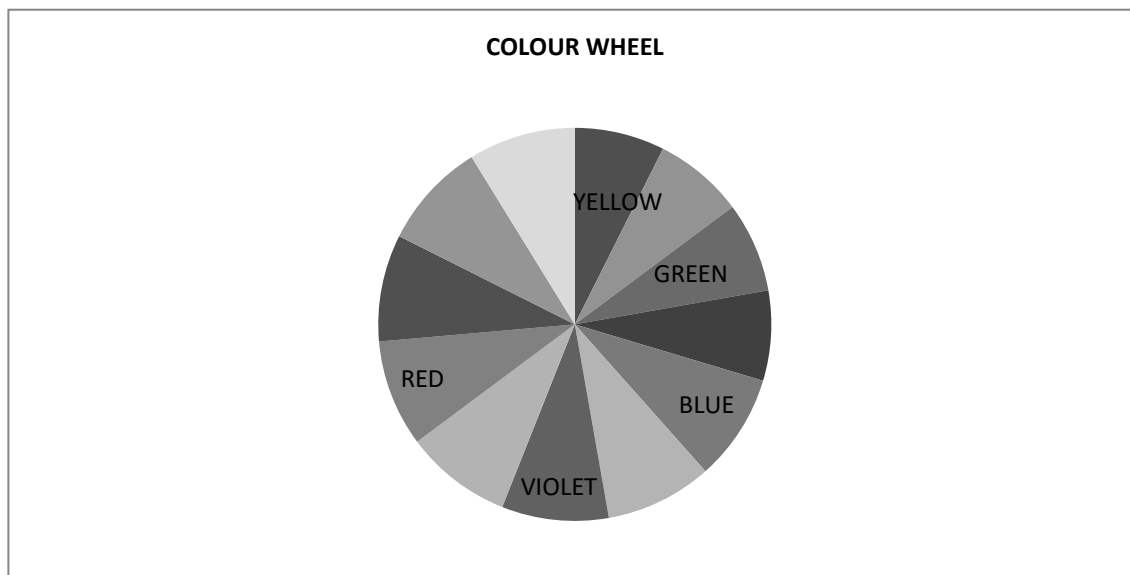
(b) Suggest five practices that are harmful to woolen articles. **(5mks)**

(c) List down activities at the ante-natal clinic **(5mks)**

(d) State and explain any five factors to consider when using left over foods. **(5mks)**

24. Insert the correct colours in the wheel to show a colour wheel.

(5mks)



(d) List down four different types of collars.

(4mks)

KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 3

441/2

HOME-SCIENCE

PAPER 2

TIME: 2½ HOURS

NAME.....

SCHOOL..... SIGN.....

INDEX NO..... ADM NO.....

Kenya Certificate of Secondary Education.

441/2

HOMESCIENCE

PRACTICAL– Paper 2

(CLOTHING CONSTRUCTION)

INSTRUCTIONS TO CANDIDATES

- a) This paper consists of 3 printed pages*
- b) Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.*
- c) Candidates must use machine stitches appropriately in the construction of the garment*
- d) Hand stitches used instead of machine stitches will not be marked*
- e) Hand stitches will only be allowed for the making of hemming and tacking stitches.*
- f) Candidates should answer the questions in English.*

A Pattern of a child's dress is provided. You are advised to study the sketches, the questions paper and the layout before the test.

1. MATERIALS PROVIDED

Pattern pieces

- A Front bodice
- B Back bodice
- C sleeve
- D Collar
- E cuff
- F Neck binding
- G Sleeve opening strip

N.B Use pattern piece D to cut interfacing for collar.

- 2. Light weight plain cotton fabric 65cm long by 90 cm wide.
- 3. Sewing cotton thread to match the fabric
- 4. One button 1 cm in diameter.

THE TEST

Using the materials provided , cut and make the left half of child's dress bodice to show the following:-

- 1) The working of the waist dart
- 2) The working of a machine fell seam at the shoulder and French seam at the side and under arm seams.
- 3) Preparation of an interfaced collar and attaching it to the bodice.
- 4) The making of the continuous straight strip opening at the sleeve.
- 5) Attaching of the sleeve cuff
- 6) The preparation and attaching of the sleeve to the bodice and leaving the seam untrimmed and unneaten.

7) The making of the button hole

8) The attaching of the button.

At the end of the examination, firmly sew on your work, on a single fabric a label bearing your name and index number. Remove the needles and pins from your work, then fold your work carefully and place it in the envelope provided.

DO NOT put scraps of fabric in the envelope.

KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 4

441/1

HOME-SCIENCE

PAPER 1**TIME: 2½ HOURS**

NAME.....

SCHOOL..... SIGN.....

INDEX NO..... ADM NO.....

Kenya Certificate of Secondary Education.

INSTRUCTIONS TO THE CANDIDATES

- a) Write your name and index number in the spaces provided above.*
- b) This paper consists of **THREE** sections A, B, and C.*
- c) Answer **ALL** the questions in section A and B*
- d) Answer any **TWO** questions from section C*

FOR EXAMINERS USE ONLY

SECTION	QUESTIONS	MAXIMUM SCORE	CANDIDATES SCORE
A	1- 16	40	
B	17	20	
C		20	
		20	
	TOTAL SCORE		

SECTION A (40 MARKS)

Answer ALL questions in this section in the spaces provided

1. Mention two functions of cholecalciferol in the body. (2 Marks)
2. Suggest three causes of malnutrition. (3 Marks)
3. What are the effects of immersing a hot aluminium frying pan in cold water? (2 Marks)
4. Explain three forms of advertisements. (2 Marks)
5. Write the following abbreviations in full (2 Marks)
 - BCG.....
 - TBA.....
6. Name two methods which could be used to serve meals at home. (2 Marks)
7. What are the determinants of safe parenthood? (3 Marks)
8. Identify three points to bear in mind when buying land for a family house. (3 Marks)
9. State three basic instructions on the use of medicines. (3 Marks)
10. Give three advantages of using credit cards. (3 Marks)
11. Name four fabrics that should not be wrung during laundering. (2 Marks)
12. State three functions of pressing cloth. (3 Marks)
13. State two qualities to look for when choosing a stiletto. (2 Marks)
14. Identify six substances that are added to soap during manufacturing. (3 Marks)
15. Give two ways of purifying water for small scale use. (2 Marks)
16. Differentiate between food fortification and food supplements. (2 Marks)

SECTION B (20 MARKS)**Compulsory**

17. You are preparing to host your grandparents over the weekend.
 - a) Describe the method you would use to clean a varnished wooden table to be used in the dinning room. (6 Marks)
 - b) Give six principles you would observe when removing stains from the table clothe to be used. (6 Marks)
 - c) Outline the procedure you would use when cleaning a toilet to be used by your grand parents (8 Marks)

SECTION C (40 MARKS)

*Answer **ANY TWO** questions from this section in the spaces provided after question 20.*

- 18.** a) What do the following terms mean as used in consumer education.
- (i) Consumer (1 Mark)
 - (ii) Goods (1 Mark)
 - (iii) Services (1 Mark)
- b) Explain four sources of information for the consumer. (8 Marks)
- c) (i) Define a budget. 1 Mark
- (ii) Explain four factors that may affect a budget. (8 Marks)
- 19.** a) Give four symptoms of food poisoning. (4 Marks)
- b) Explain four causes of food spoilage. (8 Marks)
- c) Suggest eight measures to take in the prevention of food poisoning. (8 Marks)
- 20.** a) List three types of scissors used in clothing construction. (3 Marks)
- b) Identify three methods of transferring pattern Markings on a fabric. (3 Marks)
- c) Give three features of well made permanent stitches. (3 Marks)
- d) Without using a diagram outline how to make a double stitched seam. (11 Marks)

KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 4

441/2

HOME-SCIENCE

PAPER 2

TIME: 2½ HOURS

Kenya Certificate of Secondary Education.

441/2

HOME SCIENCE

(CLOTHING CONSTRUCTION)

PAPER 2

(PRACTICAL)

Time 2½ hours

CONFIDENTIAL

INSTRUCTIONS TO SCHOOLS

The school is advised to provide the candidates with the following materials.

1. Plain light weight cotton fabric 50cm by 90 cm wide.
2. Sewing thread to match fabric.
3. Sewing machines at least 4 per 10 students.

KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 4

441/2

HOME-SCIENCE

PAPER 2

TIME: 2½ HOURS

NAME.....

SCHOOL..... SIGN.....

INDEX NO..... ADM NO.....

Kenya Certificate of Secondary Education.

441/2

HOMESCIENCE

PRACTICAL– Paper 2

(CLOTHING CONSTRUCTION)

INSTRUCTIONS TO CANDIDATES

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- c) Candidates must use machine stitches appropriately in the construction of the garment*
- d) Hand stitches used instead of machine stitches will not be marked*
- e) Hand stitches will only be allowed for the making of **hemming** and **tacking** stitches.*
- f) Candidates should answer the questions in English.*

A pattern of a girl's skirt is provided. You are advised to study the sketches, the question paper and lay out carefully before you begin the test.

MATERIALS PROVIDED

1. Pattern pieces
 - A. Skirt front
 - B. Skirt back
 - C. Pockets
 - D. Front yoke
2. Light weight cotton fabric 50cm by 90cm wide.
3. Sewing thread to match the fabric

THE TEST

- a. Using the materials provided, cut and make the right half of the skirt to show the following processes.
- b. The preparation of the gathers on the skirt front piece.
- c. Attachment of yoke piece to the skirt front piece using a neatened overlaid seam. Use loop stitches.
- d. Attachment of front pocket piece to the skirt front and back pocket piece to the skirt back.
- e. The making of an unneatened open seam at the side above and below the pocket mouth.
- f. The joining of the pocket bag seam (do not neaten)
- g. Use preparation of the skirt hem and slip hemming it.

At the end of the examination, firmly sew onto your work on a single fabric a label bearing your **Name** and **admission Number**. Remove the needles and pins from your work then fold it neatly.

SKIRT VIEW

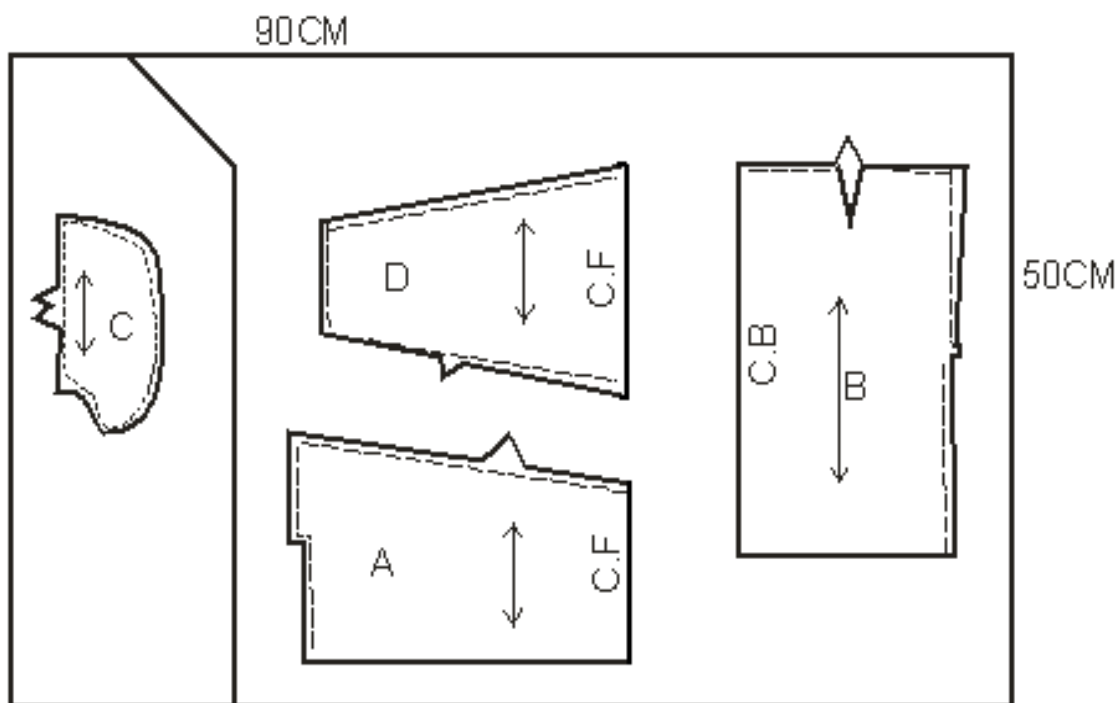


BACK



FRONT

THE LAYOUT (not drawn to scale)



KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 5

441/1

HOME-SCIENCE

PAPER 1**TIME: 2½ HOURS**

NAME.....

SCHOOL..... SIGN.....

INDEX NO..... ADM NO.....

Kenya Certificate of Secondary Education.

INSTRUCTIONS TO STUDENTS

- a) Write your name, admission number and class in the spaces provided*
- b) Sign and write the date of the examination in the spaces provided*
- c) This paper consists of **three** sections: **A**, **B** and **C***
- d) Answer **all** the questions in sections **A** and **B** and any two questions in section **C***
- e) Answers to all the questions must be written in the spaces provided in the paper*

FOR EXAMINER'S USE ONLY

Section	Question	Maximum Score	Student's Score
A	1-19	40	
B	20	20	
C		20	
		20	
TOTAL SCORE		100	

SECTION A: COMPULSORY

1. State 2 disadvantages of maisonettes (2mks)
2. Give 2 reasons why butter/margarine are unsuitable for deep fat frying (2mks)
3. State 2 self-neatening seams (1mk)
4. List 2 conditions that encourage the growth of micro-organisms (2mks)
5. Name 2 types of Beriberi (2mks)
6. Give 2 advantages of advertising on a billboard (2mks)
7. Give 2 ways of preventing the spread of dandruff (2mks)
8. State 3 points to bear in mind when choosing a good candle (3mks)
9. Outline 4 edge neatening stitches (2mks)
10. Give 2 reasons for blanching vegetables (2mks)
11. Suggest 4 reasons which may cause menstruation to cease (2mks)
12. Distinguish between sponging and spotting (2mks)
13. State 4 uses of milk in cookery (2mks)
14. Give 2 advantages of home confinement (2mks)
15. State two factors that determine the cleansing action of a detergent (2mks)
16. Suggest two reasons that may lead to a mother giving birth to a deformed baby (2mks)
17. List four soft furnishings used in the bedroom (2mks)
18. State 2 functions of pockets in a garment (2mks)
19. List 2 grooming habits that prevents skin diseases (2mks)

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)

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)

KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 5

441/2

HOME-SCIENCE

PAPER 2

TIME: 2½ HOURS

Kenya Certificate of Secondary Education.

441/2

HOME SCIENCE

CLOTHING AND CONSTRUCTION

PAPER 2

CONFIDENTIAL

- 1. Plain light weight cotton fabric 50 cm by 90 cm wide.*
- 2. Sewing thread to match the colour of the fabric.*
- 3. One large A4 envelope*

KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 5

441/2

HOME-SCIENCE

PAPER 2

TIME: 2½ HOURS

NAME.....

SCHOOL..... SIGN.....

INDEX NO..... ADM NO.....

Kenya Certificate of Secondary Education.

441/2

HOMESCIENCE

**PRACTICAL– Paper 2
(CLOTHING CONSTRUCTION)**

INSTRUCTIONS TO CANDIDATES

- a) This paper consists of 3 printed pages*
- b) Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.*
- c) Candidates must use machine stitches appropriately in the construction of the garment*
- d) Hand stitches used instead of machine stitches will not be marked*
- e) Hand stitches will only be allowed for the making of **hemming** and **tacking** stitches.*
- f) Candidates should answer the questions in English.*

A pattern of a girl's blouse is provided. You are advised to study the sketch, the question and the layout before the test.

MATERIALS PROVIDED

1. Pattern pieces

- A - BLOUSE FRONT
- B - BLOUSE BACK
- C - FRONT YOKE
- D - FRONT FRILL
- E - BACK FRILL
- F - BACK NECK FACING

2. Plain light weight cotton fabric 50 cm by 90 cm wide.

3. Sewing thread to match the colour of the fabric.

4. One large envelope.

THE TEST

Using the materials provided, cut out and make up the **RIGHT HALF** of the child's blouse to show the following.

- 1. Cutting out. (13 marks)
- 2. The making of the double pointed dart. (5 ½ marks)
- 3. Making of the shoulder seam using double stitched seam. (7 ½ marks)
- 4. Joining the back facing to front facing and neatening the free edge. (8 marks)
- 5. Neatening the neckline using the joined facings. (4 marks)
- 6. Joining the front yoke to the blouse front using overlaid seam. (11 marks)
- 7. Working the side seam using an open seam. (6 marks)
- 8. Preparation of the frill to include:
 - (a) Joining the back and front frill using a French seam. (7 marks)
 - (b) Control of fullness. (3 marks)
 - (c) Attachment of the frill to the lower part of the blouse using a plain seam.

(Do not trim; Do not neaten)

(7 marks)

9. Working of buttonhole using hand-worked stitches.

(6 marks)

10. Management of the hem and holding it using long and short tacking. **(6 marks)**

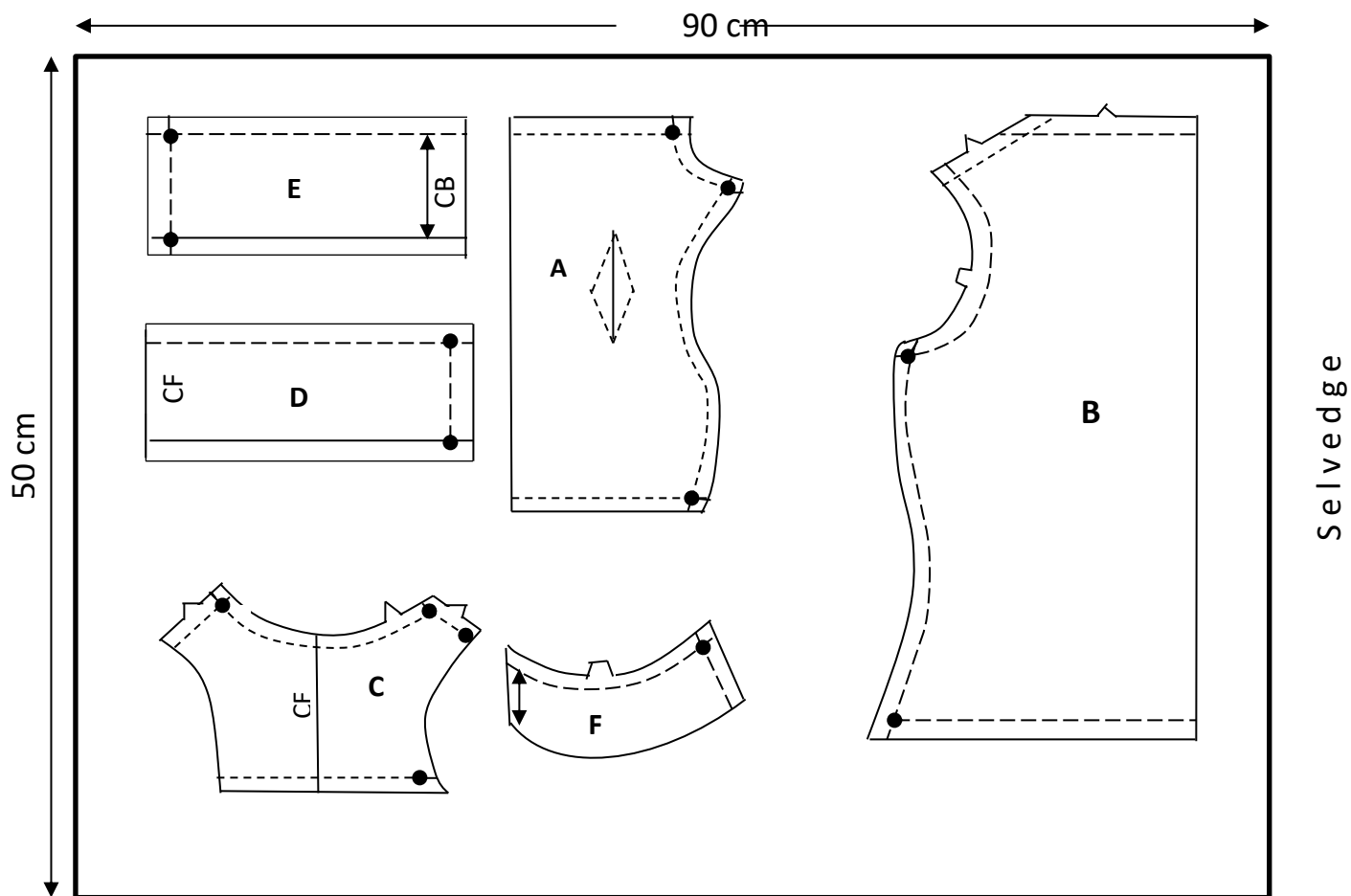
11. Presentation.

(6 marks)

NOTE:

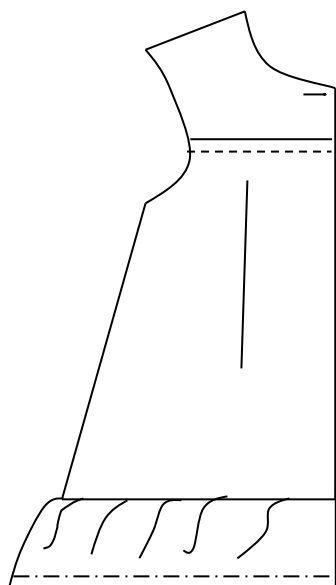
At the end of the examination, firmly sew on a single fabric a label bearing your name and index number, Remove the needles and pins from your work then fold your work neatly and place it in the envelope provided. Do not put scraps of fabric with your work.

LAYOUT – NOT DRAWN TO SCALE

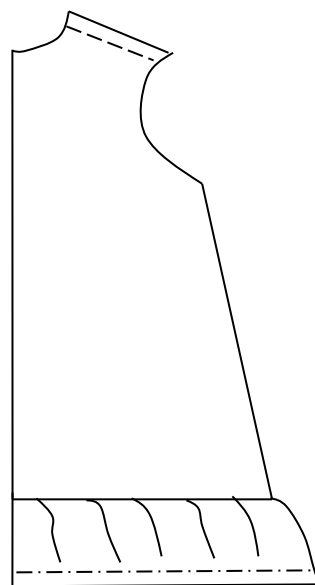


VIEW

FRONT VIEW



BACK VIEW



KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 6

441/1

HOME-SCIENCE

PAPER 1**TIME: 2½ HOURS**

NAME.....

SCHOOL..... SIGN.....

INDEX NO..... ADM NO.....

Kenya Certificate of Secondary Education.

INSTRUCTIONS TO CANDIDATES

- (a) Write your name, school and index number in the spaces provided above.
- (b) Sign and write the date of the examination in the spaces provided above.
- (c) This paper consists of **three** sections **A**, **B** and **C**.
- (d) All the questions in Section **A** and **B** are compulsory.
- (e) Answer any other **two** questions in section **C**.

FOR OFFICIAL USE ONLY

SECTION	QUESTION	MAXIMUM SCORE	CANDIDATE'S SCORE
A	1 – 20	40	
B	21	20	
C		20	
		20	
TOTAL SCORE		100	

SECTION A (40 MARKS)

Answer ALL the questions from this section in the spaces provided

1. Give **two** reasons for folding clothes when storing. (2 marks)
2. Give **two** reasons for thawing frozen food completely before cooking. (2 marks)
3. State **two** points to note on the care of ears when cleaning your face daily. (2 marks)
4. Give **two** importance of classifying clothes before storage. (2 marks)
5. Identify **two** ways of preventing insect bites and stings. (2 marks)
6. Mention **two** disadvantages of cross method of ventilating a room. (2 marks)
7. State **two** disadvantages of roasting as a method of cooking food. (2 marks)
8. Name **two** categories of convenience foods. (2 marks)
9. Differentiate between a dart and a pleat in clothing construction. (2 marks)
10. State **two** ways of saving energy when lighting a home. (2 marks)
11. Define simmering in cookery. (1 mark)
12. List **two** food substances used for coating food during deep frying of foods. (2 marks)
13. Identify **two** characteristics of fabric which develop static electricity. (2 marks)
14. State **two** advantages of using self-neatening seams in garment construction. (2 marks)
15. Give **two** causes of drowning in children. (2 marks)
16. Give **two** reasons why aluminium is widely used in making kitchen equipment (2 marks)
17. Give **two** functions of water in the body. (2 marks)
18. State **two** properties that make linen suitable for making kitchen tea towels. (2 marks)
19. Mention **three** qualities of a well-made seam. (3 marks)
20. Give **two** reasons why hot water is not suitable for cleaning wooden surfaces. (2 marks)

SECTION B (20 MARKS)**COMPULSORY**

21. You are to visit your grandmother over the weekend. Describe how you would;
- a) Launder her acrylic sweater. (10 marks)
 - b) Clean her earthen water pot. (5 marks)
 - c) Clean her gourd for storing porridge. (5 marks)

SECTION C (40 MARKS)

Answer any TWO questions from this section in the spaces provided after question 24

- 22. a)** State **six** signs of pregnancy. (6 marks)
- b) Identify any **six** problems that may arise during pregnancy which need to be reported to the doctor. (6 marks)
- c) Mention any **three** points on meeting the following needs of an expectant woman.
- i) Physical needs (3 marks)
- ii) Emotional needs (3 marks)
- d) Define haemorrhoids and give their cause in pregnancy. (2 marks)
- 23. a)** Give **five** reasons for caring for the stick at home. (5 marks)
- b) Mention **five** factors to consider when packing meals. (5 marks)
- c) State **five** factors to consider when choosing fastenings. (5 marks)
- d) Discuss **five** ways of conserving nutrients when cooking vegetable. (5 marks)
- 24. a)** State **six** desirable qualities of fabric for making curtains. (6 marks)
- b) Explain **four** uses of openings in garment construction. (8 marks)
- c) Explain **three** reasons for ironing / pressing garments at every stage of construction. (6 marks)

KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 6

441/2

HOME-SCIENCE

PAPER 2

TIME: 2½ HOURS

Kenya Certificate of Secondary Education.

441 / 2

PAPER 2

CLOTHING AND TEXTILES (PRACTICAL)

CONFIDENTIAL

Each candidates is required to have the following

- a) Poplin material*
- b) Sewing thread*
- c) Embroidery thread*

KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 6

441/2

HOME-SCIENCE

PAPER 2

TIME: 2½ HOURS

NAME.....

SCHOOL..... SIGN.....

INDEX NO..... ADM NO.....

Kenya Certificate of Secondary Education.

441/2

HOME SCIENCE

(CLOTHING CONSTRUCTION)

PAPER 2

PRACTICAL

TIME: 2½ HOURS

INSTRUCTIONS TO CANDIDATES

- a) This paper consists of **three** printed pages.*
- b) Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.*
- c) Candidates are advised to ensure that the pattern pieces match with sketches shown on question paper.*

A pattern of a pair of shorts is provided. You are advised to study the sketches, instructions and the layout carefully before you begin the test.

MATERIALS PROVIDED.

1. Pattern pieces.

- A short front
- B Short back
- C Pocket
- D Waistband
- E Front short facing
- F Back short facing

2. Plain light weight cotton fabric 50cm long by 90cm wide.

3. Cotton sewing thread to match the fabrics

4. One large envelope

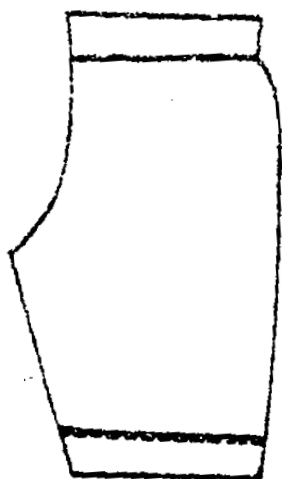
THE TEST

Using the materials provided cut out and make the left leg of the short to show the following processes.

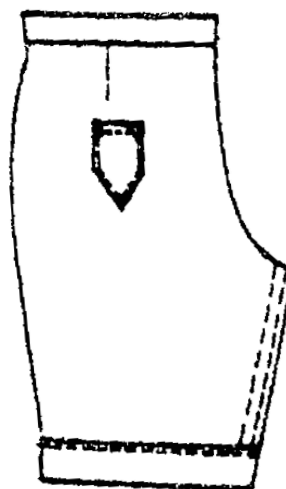
- a) Making of the back dart.**
- b) Preparing and attaching the pocket.**
- c) Working of the inner leg seam using machine fell seam.**
- d) Working of the side seam using an open seam.**
- e) Attaching the facings onto the lower edge of the shorts.**
- f) Preparing and attaching the waistband.**
- g) Finishing the waistband using hemming stitches.**

At the end of the examination firmly sew on your work on 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 envelope provided. Do not put scrapes of fabric in the envelope.

VIEW OF PAIR OF SHORTS

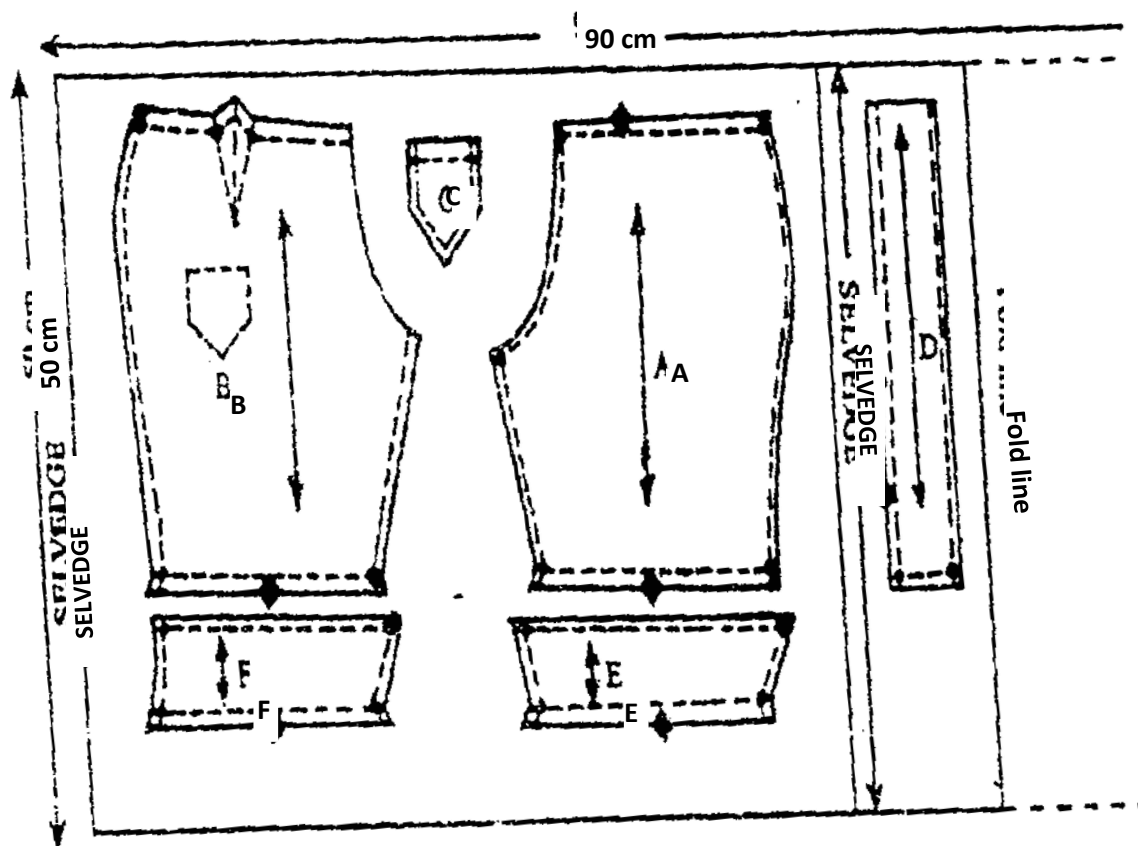


F FRONT



BACK

LAYOUT (NOT DRAWN TO SCALE)



KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 7

441/1

HOME-SCIENCE

PAPER 1

TIME: 2½ HOURS

NAME.....

SCHOOL..... SIGN.....

INDEX NO..... ADM NO.....

Kenya Certificate of Secondary Education.

INSTRUCTIONS

- 1. This paper consist of three sections A, B & C*
- 2. Answer all questions in section A in the spaces provided.*
- 3. Answer the question in section B in the spaces provided.*
- 4. Choose ANY two questions in section C and answer in the spaces provided.*

SECTION	QUESTION	MAX SCORE	STUDENTS SCORE
A	1-20	40 MKS	
B	21	20MKS	
C	22	20MKS	
	23	20MKS	
	24	20MKS	

SECTION A (40 MARKS)

Answer all questions in this section in the spaces provided

1. State four methods of removing loose dirt from surfaces. (2mks)
2. Suggest any two reasons for laundering clothes. (2mks)
3. Give two negative effects of bicarbonate of soda in wheat flour. (2mks)
4. Mention two reasons for blanching vegetables during preservation. (2mks)
5. Suggest two reasons why knots should not be used when making permanent stitches. (2mks)
6. State two principles of wise buying. (2mks)
7. Differentiate between essential and non essential amino acids. (2mks)
8. List four qualities of a material suitable to make a floor cloth (2mks)
9. What is the difference between regenerated and synthetic fibres. (2mks)
10. Mention two disadvantages of relying on solar energy in the home. (2mks)
11. Identify two properties of woolen fibres that make them suitable for making carpets (2mks)
12. List four principles of food preservation. (2mks)
13. State two effects of poor environmental hygiene in a school setting. (2mks)
14. State two reasons why family meals should be served punctually. (2mks)
15. Give two reasons why a kitchen should be well ventilated (2mks)
16. List four methods of controlling fullness in garment construction. (2mks)
17. Name two uses of vinegar in laundry work. (2mks)
18. Suggest two merits of using self neatening seams in garment construction. (2mks)
19. Mention two reasons to account for popularity of convenience foods in Kenya. (2mks)
20. Give two negative effects of advertising. (2mks)

SECTION B (COMPULSORY) 20MKS

21. You have decided to stay home and carry out some cleaning.
 - a) Explain how you will launder your woolen socks. (10mks)
 - b) Describe the procedure you will use to dry clean your father's silk tie. (6mks)
 - c) Explain briefly the procedure you will to clean a painted wooden stool in your bedroom (4mk)

SECTION C (40MKS)**Choose Two Questions from This Section**

- 22.** a) State and explain four causes of malnutrition (8mks)
b) Describe four nutritional needs of manual workers. (4mks)
c) Explain any four factors that influence consumer buying. (8mks)
- 23.** a) State four preparations that should be made on a fabric before cutting out the garment. (4mks)
b) Describe the process of making a french seam without using diagrams. (6mks)
c) Give five causes of falls at home. (5mks)
d) Mention five factors that may affect the life of the unborn baby. (5mks)
- 24.** a) Suggest four points to consider when choosing a colour scheme for a room. (8mks)
b) State four reasons for using facings on a garment. (4mks)
c) Mention four advantages of food preservation. (4mks)
d) Give four points to consider when choosing a sewing machine. (4mks)

KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 7

441/2

HOME-SCIENCE

PAPER 2

TIME: 2½ HOURS

NAME.....

SCHOOL..... SIGN.....

INDEX NO..... ADM NO.....

Kenya Certificate of Secondary Education.

441/2

HOMESCIENCE

PRACTICAL– Paper 2

(CLOTHING CONSTRUCTION)

INSTRUCTIONS TO CANDIDATES

- a) This paper consists of 3 printed pages*
- b) Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.*
- c) Candidates must use machine stitches appropriately in the construction of the garment*
- d) Hand stitches used instead of machine stitches will not be marked*
- e) Hand stitches will only be allowed for the making of hemming and tacking stitches.*
- f) Candidates should answer the questions in English.*

TEST

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

1. MATERIALS PROVIDED

A Front bodice

B Back bodice

C Sleeve

D Collar

E Cuff

F Neck binding

G Sleeve opening strip

NB: Use pattern piece D to cut interfacing for collar.

2. Light weight plain cotton fabric 65cm long by 90cm wide.

3. Sewing cotton thread to match the fabric

4. One button 1cm diameter.

THE TEST

Using the materials provided, cut out and make the left half of a child's dress bodice to show the following:-

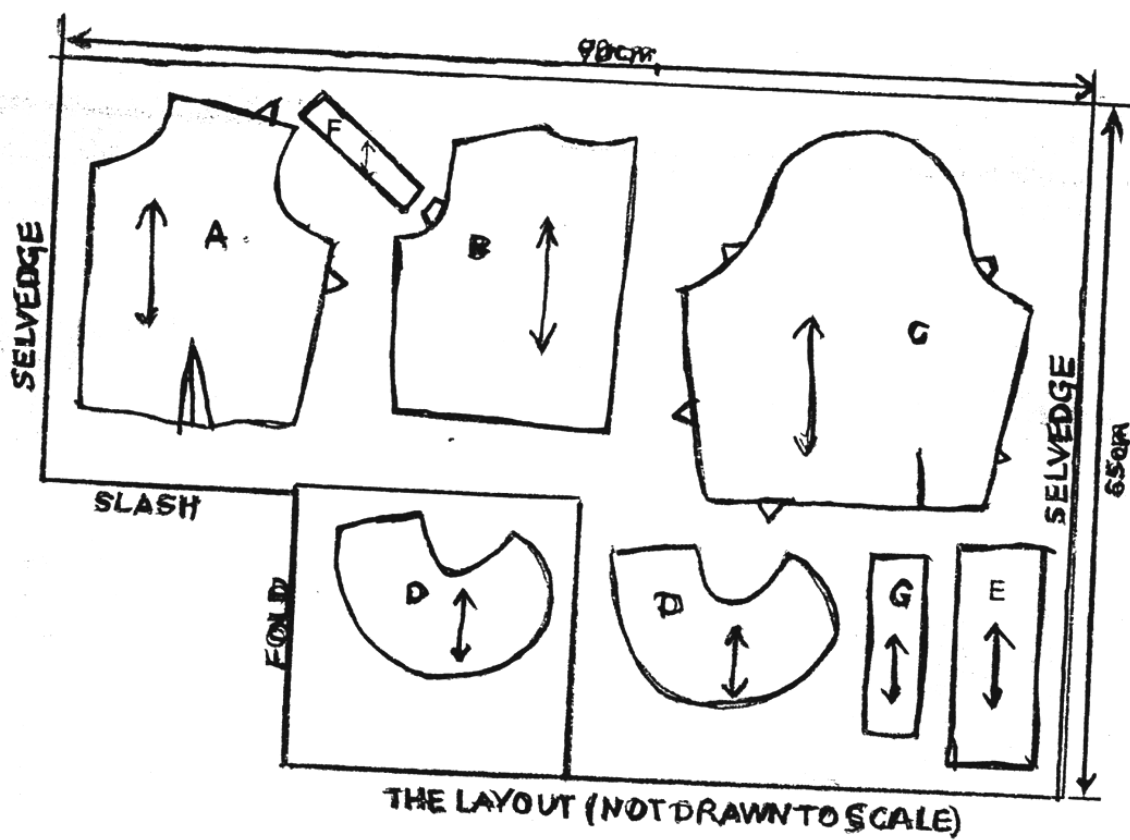
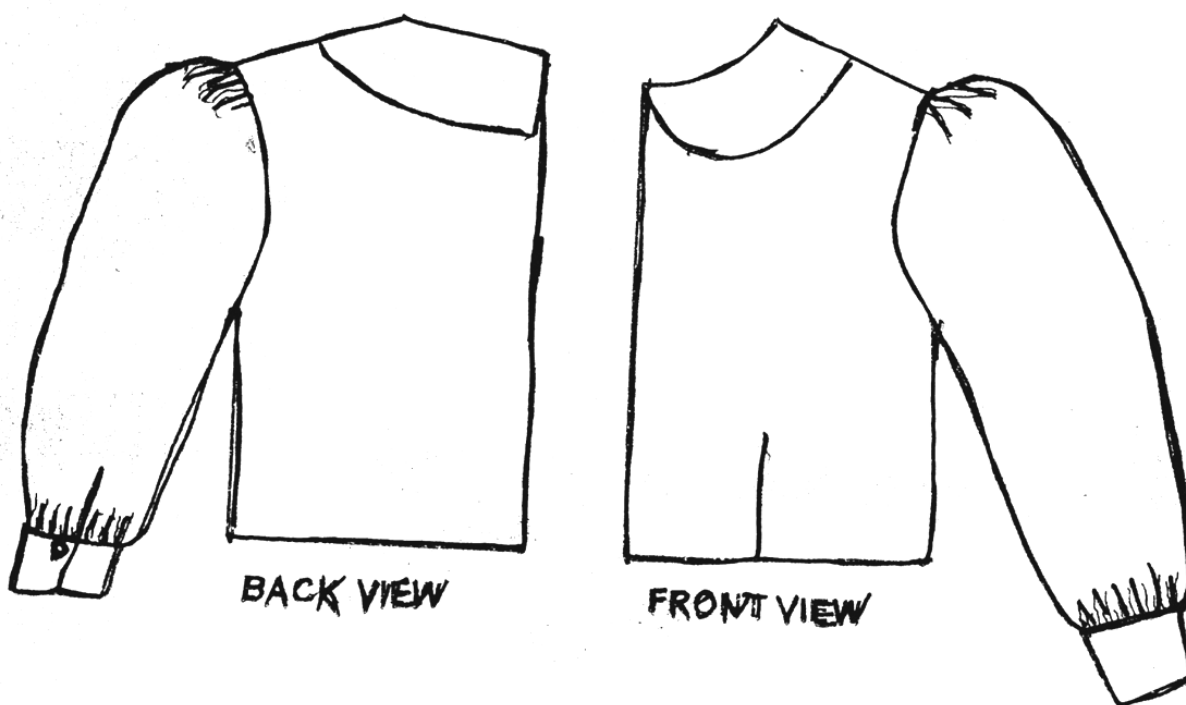
1. The working of the waist dart (7mks)

2. The working of a machine fell seam at shoulder (8mks)

3. The working of French seam at the side and underarm seam (7 ½ mks)
4. The preparation of an interfaced collar and attaching it to the bodice (13 ½ mks)
5. The making of the continuous straight strip opening at the sleeve. (10mks)
6. The attaching of the sleeve cuff. (10mks)
7. The preparation and attaching of the sleeve to the bodice and leaving the seam untrimmed and unneatened. (10mks)
8. The making of the button hole. (3mks)
9. The attaching of the button (3mks)

At the end of the examination, remove all pins & unnecessary temporary stitches from your work.

Sew on the label bearing your name and admission number.



KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 8

441/1

HOME-SCIENCE

PAPER 1

TIME: 2½ HOURS

NAME.....

SCHOOL..... SIGN.....

INDEX NO..... ADM NO.....

Kenya Certificate of Secondary Education.

INSTRUCTIONS TO CANDIDATES:

- Write your **name** and **index number** in the spaces provided.
- This paper consists of three section **A,B** and **C**
- Answer **all** the questions in section **A** and **B**
- Answer only **two** questions in section **C**.
- Answers should be written in proper English and in the spaces provided in this booklet.

FOR EXAMINER'S USE ONLY:

QUESTIONS	MAXIMUM SCORE	CANDIDATES SCORE
1-20	40	
21	20	
22	20	
23	20	
24	20	
Total	100	

SECTION A (COMPULSORY) 40 MARKS

Answer all the questions in this section in the spaces provided.

1. State **two** signs of vitamin A deficiency. (1mark)
2. List **four** accessories used in home decoration. (2marks)
3. Mention **two** reasons why a classroom should be well ventilated. (2marks)
4. Outline **three** dangers of weaning a baby late. (3marks)
5. Name **two** metals used in making saucepans. (1mark)
6. Mention **two** points on the care of a baby with diarrhoea. (2marks)
7. Suggest **two** factors that determine the choice of an opening. (2marks)
8. Mention **three** danger signs that should be reported to a doctor when taking care of the sick at home. (3marks)
9. State the reason for sprinkling water on an earthen floor before sweeping. (1mark)
10. Suggest **three** reasons for laundering clothes. (3marks)
11. Give **two** meanings of basting in Home Science. (2marks)
12. Highlight **three** points to look out for when buying carrots. (3marks)
13. Identify **four** labour saving equipment that may be found in a modern kitchen. (2marks)
14. Mention **three** problems that consumers face when shopping. (3marks)
15. Suggest **four** possible danger areas in the home where a child can drown at home. (2marks)
16. Give **two** ways of disinfecting hospital linen. (1mark)
17. Highlight **four** signs of dehydration in a baby. (2marks)
18. Give **two** qualities of a good fabric for beginners in sewing. (2marks)
19. Suggest **four** ways of finishing the neckline of a little girl's dress. (2marks)
20. Mention **two** items in a First Aid kit that could be used to manage a cut. (1mark)

SECTION B: (20 marks)**COMPULSORY**

Answer question 21 in the spaces provided after the question

21. You are going out on a youth camp over the holiday.
 - a) Outline the procedure you will follow when cleaning the coloured canvas bag that you will use to pack your clothes. (7marks)
 - b) Describe how you will clean the hand mirror you will pack to use at the camp. (6marks)
 - c) Outline how you will clean the muddy plastic sandals you will use at the camp. (7marks)

SECTION C: (40 marks)

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

22.

- a) Outline **five** advantages of food preservation. (5marks)
- b) Explain **five** advantages of using a shopping list. (5marks)
- c) Highlight **four** dangers of washing clothes without sorting them. (4marks)
- d) Discuss **three** points to observe when planning meals for an elderly person. (6marks)

23.

- a) Draw and name **six** possible care label symbols that may be found on a loose coloured cotton shirt. (6marks)
- b) Outline **five** reasons why consumers need to be informed. (5marks)
- c) Suggest **four** possible hindrances to breastfeeding. (4marks)
- d) Mention **five** reasons why play is important in the life of a three year old child. (5marks)

24.

- a) Suggest **five** ways of ensuring safe outcomes in pregnancy. (5marks)
- b) Highlight **four** qualities of a good laundry brush. (4marks)
- c) Discuss **three** considerations to bear in mind when painting a bedroom. (6marks)
- d) Mention **five** dangers posed by piles of uncollected garbage. (5marks)

KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 8

441/2

HOME-SCIENCE

PAPER 2

TIME: 2½ HOURS

NAME.....

SCHOOL..... SIGN.....

INDEX NO..... ADM NO.....

Kenya Certificate of Secondary Education.

441/2

HOMESCIENCE

PRACTICAL– Paper 2

(CLOTHING CONSTRUCTION)

INSTRUCTIONS TO CANDIDATES

- a) This paper consists of 3 printed pages*
- b) Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.*
- c) Candidates must use machine stitches appropriately in the construction of the garment*
- d) **Hand stitches** used instead of machine stitches will not be marked*
- e) **Hand stitches** will only be allowed for the making of **hemming** and **tacking stitches**.*
- f) Candidates should answer the questions in English.*

INSTRUCTIONS

A pattern of a pair of shorts is provided.

You are advised to study the sketches, instructions, and the layout carefully before you begin the test

MATERIALS PROVIDED

1. Pattern pieces

- a. Short front
- b. Short back
- c. Motif
- d. Waist band

2. Plain light weight cotton fabric 50cm long by 90cm wide.

3. Cotton sewing thread to match the fabric.

4. Embroidery thread 125 cm long.

5. One button 1.3 cm with two holes.

6. One large envelope.

THE TEST

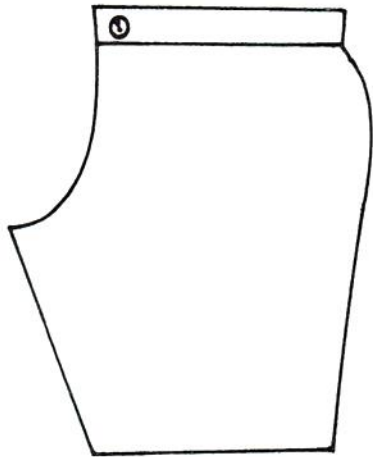
Using the materials provided, cut out and make the LEFT LEG of the shorts to show the following processes:

- a. Cutting of the pattern pieces. **(13 ½marks)**
- b. Making of the back dart. **(7 ½ marks)**
- c. Placement of the motif using satin stitches. **(14 marks)**

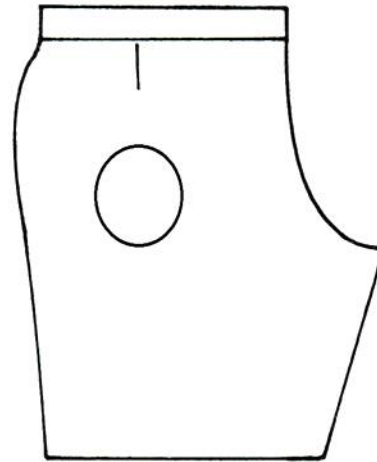
- d. Working on the side seam using an open seam. **(12 marks)**
- e. Working of the inner leg seam using a French seam. **(10 ½ marks)**
- f. Preparing and attaching the waistband. **(14 marks)**
- g. Fixing the button. (5 ½ marks)
- h. Managing half of the slip hemming stitches (include both seams). **(6 marks)**
- i. Presentation of the work. **(7 marks)**

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

SHORT VIEW

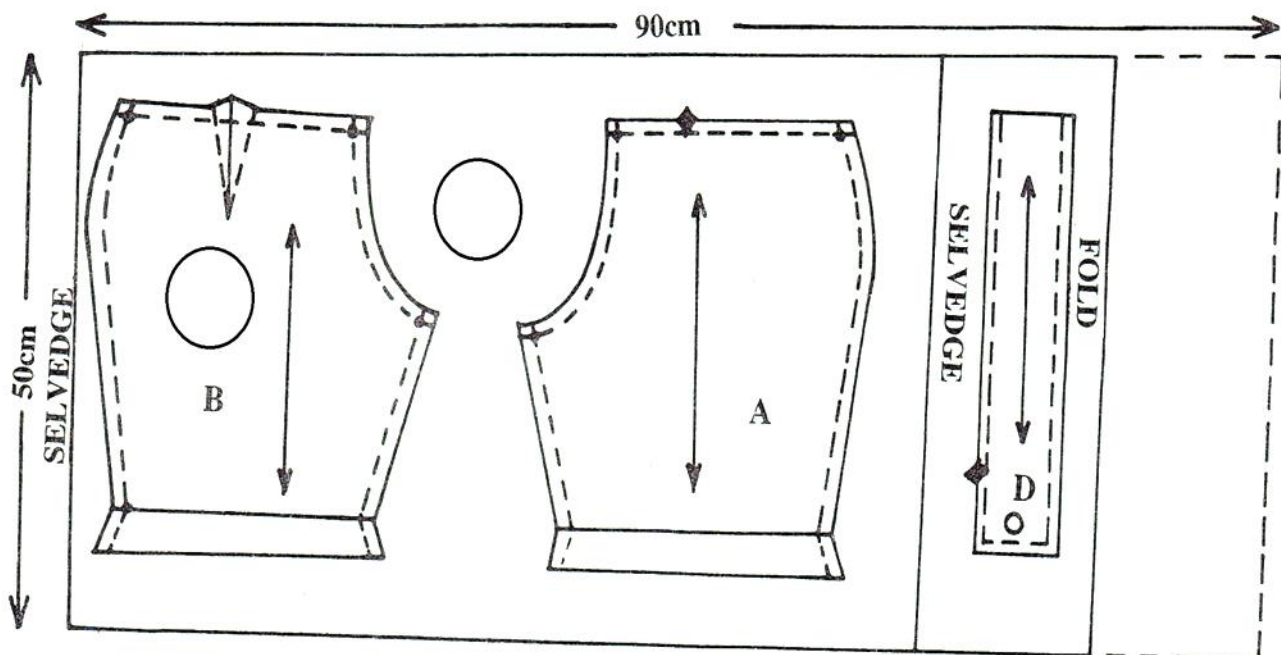


FRONT



BACK

LAYOUT (Not Drawn to scale)



KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 9

441/1

HOME-SCIENCE

PAPER 1**TIME: 2½ HOURS**

NAME.....

SCHOOL..... SIGN.....

INDEX NO..... ADM NO.....

Kenya Certificate of Secondary Education.

INSTRUCTIONS TO CANDIDATES

- (a) Write your name, school and index number in the spaces provided above.
(b) Sign and write the date of the examination in the spaces provided above.
(c) This paper consists of **three** sections **A**, **B** and **C**.
(d) **All** the questions in Section **A** and **B** are compulsory.
(e) Answer any other **two** questions in section **C**.
(f) Answers to all the questions must be written in the spaces provided.

FOR OFFICIAL USE ONLY

SECTION	QUESTION	MAXIMUM SCORE	CANDIDATE'S SCORE
A	1 – 20	40	
B	21	20	
C		20	
		20	
TOTAL SCORE		100	

SECTION A (40 MKS)**All the questions**

1. State three functions of the skin (3mks)
2. Mention three dangers that may arise due to misuse of cosmetics (3mks)
3. List three ways of caring for galvanized iron buckets in the home (3mks)
4. What is environmental hygiene? (1mk)
5. List three methods of repairing clothes and household articles (3mks)
6. Explain three methods of neatening edges of a constructed garment (3mks)
7. State three qualities of a well-made seam (3mks)
8. What is garnishing (1mk)
9. State two problems faced during pregnancy (2mks)
10. State two methods of controlling fullness (2mks)
11. State two principles of wise buying (2mks)
12. State two ways of encouraging a child to play (2mks)
13. What is a dough (1mk)
14. Name two raising agents in flour mixtures (2mks)
15. What is ventilation? (1mk)
16. State two dangers of poor ventilation in a room (2mks)
17. Name two common fuels used at home (2mks)
18. State two characteristics of a well lit room (2mks)
19. What is food preservation (1mk)
20. What is the importance of a colour wheel (1mk)

SECTION B (20MKS)**COMPULSORY**

21. a) Explain six laundry processes (12mks)
- b) Explain four factors to consider when weaning the baby (8mks)

SECTION C (40MKS)**Answer any two questions on the foolscap provided**

- 22.** a) State five points to consider when choosing furniture for your house (5mks)
- b) State five properties of cotton fabric (5mks)
- c) Explain how to work a single pointed dart (10mks)
-
- 23.** a) You have been given a viscose clothes by your Aunt to launder. Explain how you would launder it to avoid damage. (10mks)
- b) State five factors to consider when planning meals (5mks)
- c) Highlight five reasons for cleaning a house (5mks)
-
- 24.** a) Explain how to clean sleeping area (bed room) (10mks)
- b) State five advantages of using paraffin for cooking (5mks)
- c) Explain five communicable diseases caused by poor sanitation. (5mks)

KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 9

441/2

HOME-SCIENCE

PAPER 2

TIME: 2½ HOURS

SCHOOL..... SIGN.....

Kenya Certificate of Secondary Education.

CONFIDENTIAL

The school to provide the following:-

- 1. White poplin material each student 90cm by 50cm.*
- 2. Thread to match the fabric.*
- 3. Pins*
- 4. Sewing machines*

KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 9

441/2

HOME-SCIENCE

PAPER 2

TIME: 2½ HOURS

NAME.....

SCHOOL..... SIGN.....

INDEX NO..... ADM NO.....

Kenya Certificate of Secondary Education.

441/2

HOMESCIENCE

**PRACTICAL– Paper 2
(CLOTHING CONSTRUCTION)**

INSTRUCTIONS TO CANDIDATES

- a) This paper consists of 3 printed pages*
- b) Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.*
- c) Candidates must use machine stitches appropriately in the construction of the garment*
- d) Hand stitches used instead of machine stitches will not be marked*
- e) Hand stitches will only be allowed for the making of hemming and tacking stitches.*
- f) Candidates should answer the questions in English.*

CLOTHING CONSTRUCTION

A pattern of girl's blouse is provided. You are advised to study the sketches, Instructions and layout carefully before you being the test

Material provided

1. Pattern pieces for the blouse

A – Blouse front

B – Blouse back

C – Collar

D - Pocket

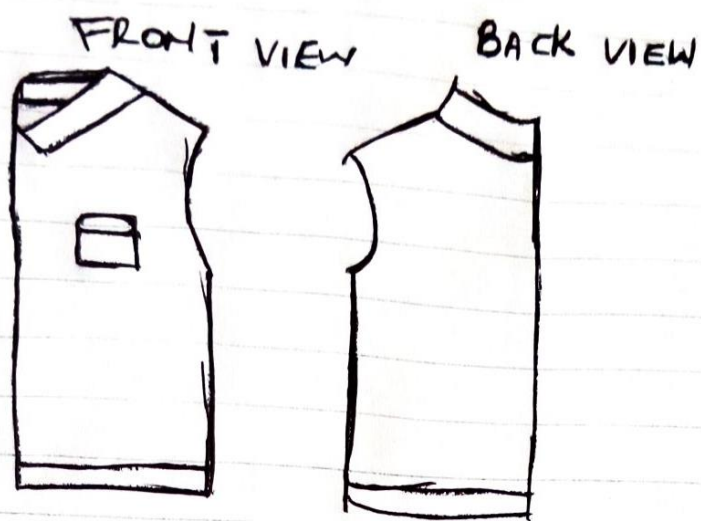
2. Light weight plain poplin fabric 50cm long by 90cm wide (to be provided by the school)

3. Sewing thread to match the fabric (To be provided by the school)

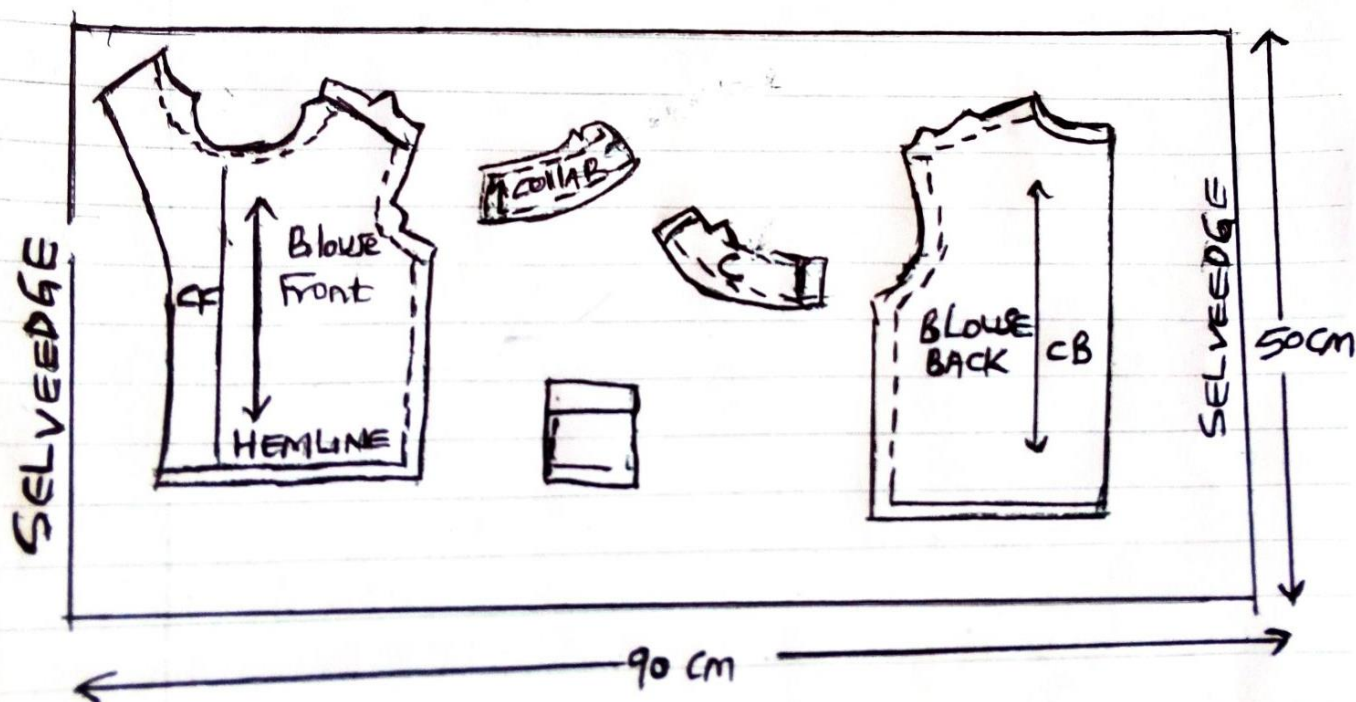
The test

Using materials provided, cut out and make the left Half of the blouse to show the following processes:-

- a) Making of an open seam at the shoulder
- b) Making of the side seam using a French seam
- c) Neatening of the blouse front facing
- d) Preparation of the collar
- e) Attachment of the collar using hemming stitches at the back.
- f) Holding the facing on the blouse using diagonal tacks. Do not remove
- g) Preparation and attachment of the patch pocket
- h) Management of the blouse hem
 - i. Use even tacking to hold the hem. Do not remove.
 - ii. Use machine hemming
 - At the end of the examination, remove all sins and finally sew onto your work, on a single fabric, a label bearing your name and index number
 - Fold your work carefully.



LAY OUT NOT DRAWN TO SCALE



KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 10

441/1

HOME-SCIENCE

PAPER 1

TIME: 2½ HOURS

NAME.....

SCHOOL..... SIGN.....

INDEX NO..... ADM NO.....

Kenya Certificate of Secondary Education.

INSTRUCTIONS TO CANDIDATES:

- Write your **name** and **index number** in the spaces provided.
- This paper consists of three section **A,B** and **C**
- Answer **all** the questions in section **A** and **B**
- Answer any **two** questions in section **C**.

FOR EXAMINER'S USE ONLY:

QUESTIONS	MAXIMUM SCORE	CANDIDATES SCORE
1-15	40	
16	20	
17	20	
18	20	
19	20	
Total	100	

SECTION A (40 marks)

Answer all the questions in this section.

1. Differentiate between indirect and semi-direct methods of lighting. (2mrks)
2. Give two reasons for serving soup to the sick. (2mrks)
3. Give two disadvantages of cross method of ventilating a room. (2mrks)
4. Identify two suitable methods of cooking for an invalid and give a reason for each. (4mrks)
5. Differentiate between renewable and non-renewable resource and give an example of each. (4mks)
6. Outline three qualities of a well ventilated kitchen. (3mrks)
7. Give three advantages of using improvised fuel. (3mrks)
8. Give two disadvantages of relying on solar energy in the home. (2mrks)
9. Highlight three limitations of using candles for lighting a home. (3mrks)
10. Outlined three disadvantages of using fans. (3mrks)
11. State three dangers of using electricity at home. (3mrks)
12. Explain two effects of bright colours in a room. (2mrks)
13. Explain conditioning as used in flower arrangement. (2mrks)
14. Give two reasons for keeping potatoes in cold water as soon as they are peeled. (2mrks)
15. Give three disadvantages of blue plate service. (3mrks)

SECTION B: COMPULSORY (20 MARKS)

Answer all the questions in this section.

16. You have been left in charge of the house during mid-term break.
 - (a) Explain how you would launder your mother's silk dress. (10mrks)
 - (b) Describe how you would clean a Formica topped kitchen table. (6mrks)
 - (c) Explain how to improvise a broom to be used to sweep an earthen floor of the kitchen. (4mrks)

SECTION C (40 MARKS)

Answer any two questions in this section.

- 17.** (a) With the aid of three well labeled diagrams, describe the procedure of making an overlaid seam. (10mrks)
- (b) Outline the steps to follow when mending a gaping seam of an apron. (7mrks)
- (c) State three general rules to be followed when repairing clothes. (3mrks)
-
- 18.** (a) Explain six points to consider when selecting furniture for a family. (6mrks)
- (b) Mention three nutritional disorders that are associated with lifestyle. For each disorder mentioned, give a point on how to manage it (6mrks)
- (c) State three points on prevention and point on management of fractures. (6mrks)
- (d) Give two reasons for shaving pubic hair. (2mrks)
-
- 19.** (a) Outline six measures to take to prevent spread of infections when caring for the sick at home. (6mrks)
- (b) Give six factors to consider when choosing fabric for making curtains or soft furnishing. (6mrks)
- (c) State four important points a lactating mother should observe for successful breastfeeding. (4mks)
- (d) State four reasons for softening water for laundry work. (4mrks)

KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 10

441/2

HOME-SCIENCE

PAPER 2

TIME: 2½ HOURS

SCHOOL..... SIGN.....

Kenya Certificate of Secondary Education.

441/2 HOME SCIENCE PAPER 2

CONFIDENTIAL

School to provide the following for each candidate:

- *Plain cotton poplin 91cm wide by 50cm.*
- *Mercerized cotton thread to match the fabric.*
- *Embroidery thread to contrast well.*

KCSE 2025 TOP SCHOOLS MOCKS

NATIONAL TRIAL 10

441/2

HOME-SCIENCE

PAPER 2

TIME: 2½ HOURS

NAME.....

SCHOOL..... SIGN.....

INDEX NO..... ADM NO.....

Kenya Certificate of Secondary Education.

441/2

HOMESCIENCE

PRACTICAL– Paper 2

(CLOTHING CONSTRUCTION)

INSTRUCTIONS TO CANDIDATES

- a) This paper consists of 3 printed pages*
- b) Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.*
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- e) Hand stitches will only be allowed for the making of **hemming** and **tacking** stitches.*
- f) Candidates should answer the questions in English.*

A pattern of a baby shirt is provided. You are advised to study the sketches, the question paper and the layout before you begin the test.

1. Materials provided:

Pattern pieces of the baby shirt:

- ✓ A -Shirt Front
- ✓ B -shirt Back
- ✓ C- sleeve
- ✓ D -pocket
- ✓ E -collar
- ✓ F -back neck facing

2. Plain cotton poplin 91cm wide by 50cm.

3. Mercerized sewing cotton thread to match.

4. Embroidery thread to contrast well.

THE TEST:

Using the materials provided, cut out and make up the left half of the baby shirt to show the following:

- a) The working embroidery stitches on letters A, B on the pocket.
- b) The preparation and attaching of the pocket.
- c) The working of the shoulder seam using machine fell seam.
- d) The working of French seam at the side.
- e) The preparation of the collar.
- f) The joining of the front and back facing at the shoulder.
- g) The neatening of the free edge of the facing.
- h) The attaching of the collar.
- i) The preparation of the sleeve using French seam.
- j) The preparation of the sleeve and neatening half way with loop stitches.
- k) The hand hemming of the lower edge of the sleeve.
- l) The working of the top button hole only.

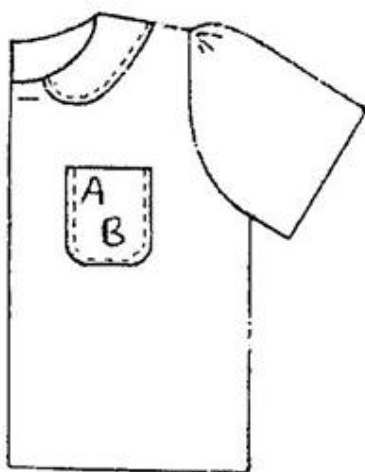
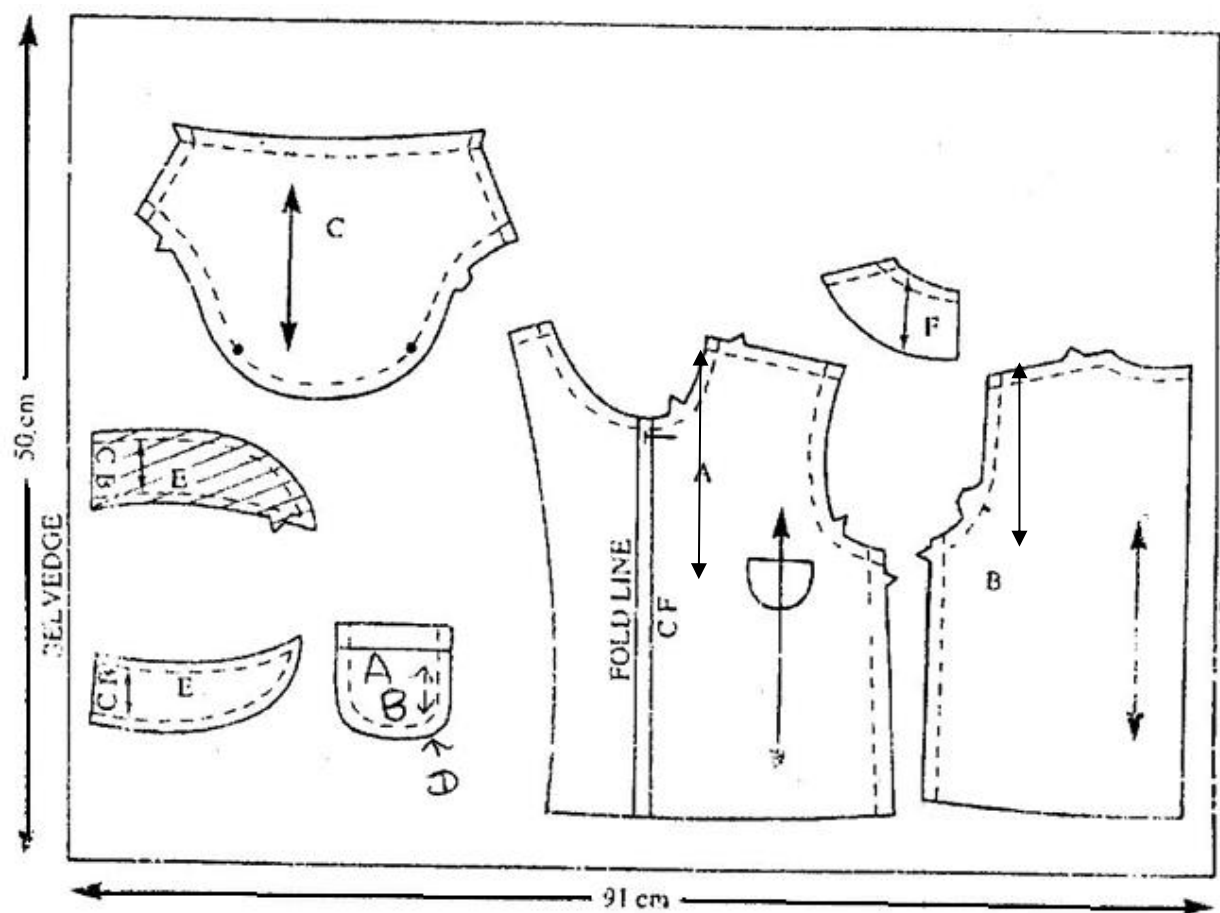
OMIT:

- i) The management of the lower hem.
- ii) The working of all the other buttonholes.

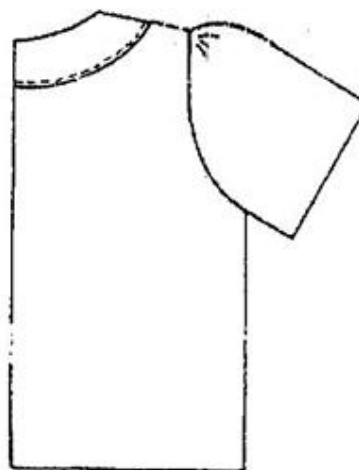
NB:

At the end of the examination, firmly sew on to your work, on a single fabric, a label bearing your name and index number. Remove the needle and pins from your work. Then fold your work carefully and place it in the envelope provided. Do not put scraps of materials in the envelope.

THE LAYOUT (NOT DRAWN TO SCALE)



FRONT VIEW



BACK VIEW

THE END

FOR THE FOLLOWING;

- **ONLINE TUITION**
- **REVISION NOTES**
- **SCHEMES OF WORK**
- **SETBOOKS VIDEOS**
- **TERMLY EXAMS**
- **QUICK REVISION KITS**
- **KCSE TOPICALS**
- **KCSE PREMOCKS**
- **TOP SCHOOLS PREMOCKS**
- **JOINT PREMOCKS**
- **KCSE MOCKS**
- **TOP SCHOOLS MOCKS**
- **JOINT MOCKS**
- **KCSE POSTMOCKS**
- **TOP SCHOOLS PREDICTIONS**
- **KCSE PREDICTIONS**
- **KCSE REVEALED SETS**

***To Obtain Copies of Respective Marking
Schemes / Answers***

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mwalimuconsultancy@gmail.com

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