KCSE 2025 FINAL PREDICTION

HOME SCIENCE

(KCSE PREDICTIONS 1-10)

This collection features well-organized, detailed, and comprehensive prediction questions tailored for KCSE 2025. Designed to mirror actual exam formats, covers key topics, enhancing student preparedness. It offers insightful, exam-focused questions to build confidence, improve performance, and ensure academic success.

QUESTIONS TO EXPECT IN KCSE 2025 EXAMS!

CONFIDENTIAL!

For Marking Schemes

Mr Isaboke 0746 222 000 / 0742 999 000

SECRET TO SUCCESS!

KCSE 2025 FINAL PREDICTION

(POSSIBLE KCSE EXAM 1)

HOME SCIENCE

441/1

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.***
- *Answers should be written in the spaces provided in this booklet.*

FOR EXAMINER'S USE ONLY

SECTION	QUESTION	MAXIMUM SCORE	CANDIDATE'S SCORE
A	1 – 40	40	
B	41a, b	20	
C	42	20	
	43	20	
	44	20	
	TOTAL	**100**	

SECTION A (40 MARKS)

*Attempt **ALL** questions in this section. Write answers in the spaces provided*

1. What is a food contaminant? Give one example. **(1mark)**

2. Outline two ways of preserving fish in the absence of a refrigerator. **(1mark)**

3. Describe how wood ash can act as a preservative in grains. **(1 mark)**

4. Research shows that nutritionists hardly recommend convenience foods to their clients. Give two reasons for this**.** **(1mark)**

5. Describe how to make bread crumbs at home from left over bread. **(1mark)**

6. Give two other alternative methods of steaming foods without using the food steamer **(1mark)**

7. Given stewed beef, boiled carroted rice, and fried kales for lunch, identify two pieces of cutlery you would require for setting up your cover **(1mark)**

8. Note down two possible remedies to the overcrowding of dinner trays for invalids. **(1mark)**

9. After the baking practical, the teacher noted that Jane's cake had not cooked well. Identify any two immediate observations the teacher may have **noted** **(1mark)**

10. Identify any two tasks undertaken during food preparation stage before cooking in meal management**.** **(1mark)**

11. Mention any two signs of scurvy**.** **(1mark)**

12. What is a food pyramid? **(1mark)**

13. Explain the need for extra iron in the expectant mother's diet. **(1mark)**

14. Give two comparisons between a breastfed child and one who was not. **(1mark)**

15. Apart from polio and measles vaccines, identify any other two vaccines a child ought to receive. **(1mark)**

16. State any two available ways through which children acquire habits **(1mark)**

17. Give two reasons why Maternal child health care card of pre-school children MUST be presented upon admission of child into a public primary school. **(1 mark)**

18. Define home science. **(1mark)**

19. Identify any two services one can offer to the community from the home management knowledge learnt in home science. **(1mark)**

20. Give two reasons for lining the kitchen drawers. **(1 mark)**

21. You have a carton of old exercise books, State any two beneficial ways of disposing it.

(1mark)

22. List down two items unique to dressing of beds for the sick. **(1mark)**

23. Apart from doors and windows, identify two other natural methods of ventilating buildings **(1mark)**

24. Give two reasons why electricity as a fuel is not as widespread in Kenya despite of its numerous advantages. **(1mark)**

25. Outline any two points that have made mirrors be essential in homes nowadays. **(1mark)**

26. State two factors to consider when providing lighting for a kitchen. **(1mark)**

27. Name two abrasives that are improvised by Crushing. **(1mark)**

28. Give two meanings of the term warp in home science. **(1mark)**

29. Identify the directions of pressing the following waistline darts. **(1mark)**

i. Skirt front dart- .....

ii. Skirt back dart-.....

30. Mention two ways of attaining a knife edge in preparation of collars. **(1mark)**

31. Name two measuring tools in needle work **(1 mark)**

32. Give two properties of wool that make it suitable for cold seasons**.** **(1mark)**

33. Differentiate between cutting line and fitting line **(1 mark)**

34. Name two seams that give a decorative finish when completed. **(1mark)**

35. Name the two type of sleeves sketched below **(1mark)**

36. Give any two fasteners suitable for a boy's fly opening. **(1mark)**

37. List down any two ideal forms of advertising for a new recipe your class developed **(1mark)**

38. Name any two bank accounts available for family savings. **(1 mark)**

39. Give two reasons why consumers are advised to purchase shopping in bulk **(1mark)**

40. Mention two benefits of window shopping to a family **(1 mark)**

SECTION B: (20 MARKS)

Answer questions in the space Provided below.

41. You are expecting distinguished guests for a night stay in your home, and your mother has asked you to;

a) Thoroughly clean the guest's rooms polyester curtains and its stainless steel curtain rods.

b) Sweep the floor of the guest's room and leave the room ready for use.

SECTION C (40 MARKS)

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

42. a) Explain four factors that determine the choice of ass cooking method a chef can use. **(4marks)**

b) Explain four points that an interior designer should consider when choosing colour schemes to use when decorating a house. **(4 marks)**

c) Give four reasons why you would recommend an old motorbike tyre as a toy for a 5-year-old boy **(4marks)**

d). List down four reasons for educating a consumer. **(4 marks)**

e). Explain four points to consider when choosing an opening on a garment. **(4 marks)**

43. a) Give four reasons for blanching green vegetables before preservation. **(4 marks)**

b) State four points that a first-year university student should consider when looking for a house to rent. **(4 marks)**

c)Describe four qualities of a good meal for a lactating mother**.** **(4 marks)**

d)Explain in four ways how family budgets may offer solutions to the problems of scarcity. **(4 marks)**

e) Give four reasons for using facings on the neckline of garments**.** **(4 marks)**

44. a) Explain four ways of introducing variety in a meal**.** **(4 marks)**

b) You are taking care of your aging grandmother at home. Explain four basic guidelines to observe while administering medicine to her. **(4 marks)**

c)Describe the procedure of cooking ugali for an 8-month-old baby**.** **(4 marks)**

d)Identify four problems innocent consumers are susceptible to in the process of buying. **(4marks)**

e) Study the sketch of an apron shown below and name the parts marked A - H. **(4marks)**

KCSE 2025 FINAL PREDICTION

(POSSIBLE KCSE EXAM 1)

HOME SCIENCE

441/2

PAPER 2

TIME: 2½ HOURS

NAME……

SCHOOL…… **SIGN**……

INDEX NO…… **ADM NO**……

Kenya Certificate of Secondary Education.

441/2 HOME SCIENCE

(CLOTHING & TEXTILE CONSTRUCTION)

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

MATERIALS PROVIDED:

1. Pattern pieces for the dress:
A – Dress front
B – Dress back
C – Sleeve
D – Cuff
E – Pocket
F – Cuff interfacing
G – Sleeve opening binding
1. Plain light weight cotton fabric 70cm long by 90cm wide.
2. Cotton sewing thread to match the fabric.

THE TEST:

Using the materials provided cut out and make the LEFT HALF of the child's dress to show the following:

(a) The working of the shoulder dart.

(b) The preparation and attachment of the pocket.

(c) The joining of the shoulder seam using a neatened plain seam.

(d) The joining of the side seam using a neatened open seam.

(e) The making of the bound opening of the sleeve.

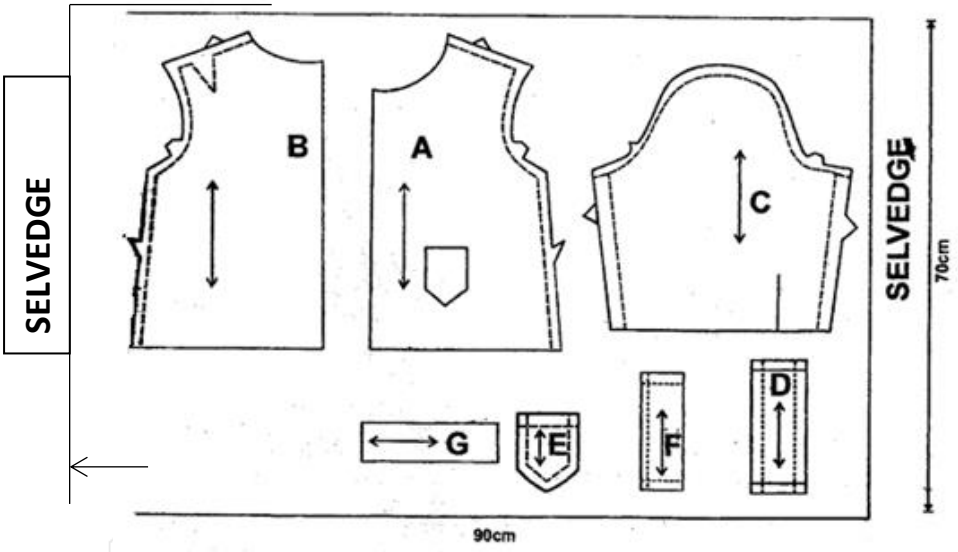
(f) The joining of the under arm seam using a French seam.

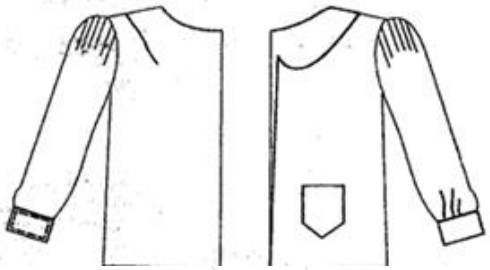
(g) The preparation and attachment of an interfaced cuff.

(h) The preparation and attachment of the sleeve, without trimming the seam allowance.

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 and pins from your work, and then fold your work neatly.

THE LAYOUT IS NOT DRAWN TO SCALE





KCSE 2025 FINAL PREDICTION

(POSSIBLE KCSE EXAM 2)

HOME SCIENCE

441/1

PAPER 1

TIME: 2½ HOURS

NAME……

SCHOOL…… **SIGN**……

INDEX NO…… **ADM NO**……

Kenya Certificate of Secondary Education.

INSTRUCTIONS TO CANDIDATES

1. *Write your name and admission number in the spaces provided above.*
2. *This paper consists of three sections. Section A, B and C.*
3. *Section **A** and **B** is compulsory*
4. *Choose any two questions from section **C***
5. *Answer all questions in the provided.*

EXAMINER'S ONLY

SECTION	QUESTION	MAX SCORE	STUDENT'S SCORE
A	1-18	40	
B	19	20	
C	20	40	
	21		
	22		
TOTAL		**100**	

SECTION A: 40 MARKS

1. Give **two** reasons for buffing the floor after polishing. **(2mks)**

2. State **two** advantages of flats and apartments. **(2 mks)**

3. State **two** advantages of using convenience foods. **(2 mks)**

4. Give **three** factors that affect the efficiency of a laundry detergent. **(3 mks)**

5. State **two** importance of habit haining. **(2 mks)**

6. State **two** dangers that may result from using antiperspirants. **(2 mks)**

7. List any **two** vegetable fibres used for making brooms. **(2 mks)**

8. State **two** undesirable properties of asbestos as a roofing material. **(2 mks)**

9. List **four** causes of undernourishment. **(2 mks)**

10. Give **two** cause of fabric not moving during machine stitching. **(2 mks)**

11. Highlight **two** possible causes of a cake cooked on the outside but uncooked on the inside? **(2 mks)**

12. Give **two** qualities of a good pallet knife. **(2 mks)**

13. Give **three** reasons that make polythene bags suitable for storing food in the refrigerator. **(3 mks)**

14. State **three** factors that may influence consumers to buy second hand clothes. **(3 mks)**

15. Name **two** types of facings **(2 mks)**

16. State **two** reasons for using tomatoes in beef stew. **(2 mks)**

17. State **two** reasons why a vacuum cleaned dust bag must be emptied regularly. **(2 mks)**

18. Name **three** areas in a house where high polishing should not be done. **(3 mks)**

SECTION B: 20 MARKS

COMPULSORY

19. You are travelling home to visit your grandmother. Describe how you would help her carry out the following tasks.

(a) Clean her hurricane lamp. **(12 mks)**

(b) Launder her polyester blouse. **(8 mks)**

SECTION C 40 MARKS

Choose *ANY TWO* questions from this section

20(a) discuss ***five*** reasons for using soft furnishings in the home, and give an example in each case **(10 mks)**

(b)Explain ***three*** disadvantages of open drainage in an area. **(6 mks)**

(c) mention ***four*** reasons why labels are important to a consumer. **(4 mks)**

21(a) state ***six*** precautions to take when using an electric appliance in the home . **(6 mks)**

(b) State ***five*** activities to be observed in the management of amoebic dysentery**.** **(5 mks)**

(c) Mention ***five*** points to consider when looking after a sick person at home. **(5 mks)**

(d) State ***four*** qualities of a well made in seam pocket. **(4 mks)**

22(a) Explain ***four*** measures a person handling food should take to ensure that food does not get contaminated. **(8 mks)**

(b) Explain *four* factors to consider when choosing a toy for a four year child. **(8 mks)**

(c) state ***four*** functions of the Kenya consumer Association. **(4 mks)**

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KCSE 2025 FINAL PREDICTION

(POSSIBLE KCSE EXAM 2)

HOME SCIENCE

441/2

PAPER 2

TIME: 2½ HOURS

NAME……

SCHOOL…… **SIGN**……

INDEX NO…… **ADM NO**……

Kenya Certificate of Secondary Education.

HOMESCIENCE (CLOTHING CONSTRUCTION)

441/2

PRACTICAL

TIME 2 ½ HRS

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

Materials provided.

1. Pattern pieces

A. Bodice front

B. Bodice back

C. Skirt front

D. Skirt back

E. Sleeve

F. Collar

G. Cut out a crossway strip measuring 18cm long by 4cm wide.

2. Plain light weight fabric 70cm long by 90cm wide.

3. Cotton sewing thread to match the fabric.

THE TEST

Using the materials provided cut out and make the left side of the girl's dress to show the following processes

(a) Making of the dart at the front bodice. **(6 mks)**

(b) Making of a shoulder seam using a double stitched seam. **(8 mks)**

(c) Making of the side seam on bodice and skirt using an open seam. **(13 mks)**

(d) Attaching of the bodice pieces to the skirt pieces using a plain seam and neatening half of the back using loop stitches. **(10 mks)**

(e) Preparation of the collar. **(4 mks)**

(f) Attaching of the collar using a crossway strip.. **(13 mks)**

(g) Making of an under arm seam using an open seam. **(6 mks**

(h) Preparation and attachment of the sleeve. Do not trim or neaten the seam allowance. **(8 ½ mks)**

OMIT

The management of the lower hem of the skirt and the sleeve

KCSE 2025 FINAL PREDICTION

(POSSIBLE KCSE EXAM 3)

HOME SCIENCE

441/1

PAPER 1

TIME: 2½ HOURS

NAME……

SCHOOL…… **SIGN**……

INDEX NO…… **ADM NO**……

Kenya Certificate of Secondary Education.

INSTRUCTIONS TO STUDENTS

a) *This paper consists of **three** sections: **A**, **B** and **C***

b) *Answer **all** the questions in sections **A** and **B** and any **two** questions in section **C***

c) ***Candidates should answer the questions in English***

For examiner's use only

Section	Question	Maximum Score	Student's Score
A	1- 18	40	
B	19	20	
C	20	20	
	21	20	
TOTAL SCORE		**100**	

SECTION A (40 MARKS)

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

1. State any four methods of purifying water for use in the home. **(2 marks)**

2. Identify two principles of food preservation used in bottling and canning. **(2 marks)**

3. State two importance of growth monitoring and promotion at the post natal clinic. **(2 marks)**

4. Give four ways of improving abrassives. **(2 marks)**

5. Identify two challenges of a vegetarian diet. **(2 marks)**

6. State two ways of managing varicose veins in pregnancy. **(2 marks)**

7. Distinguish between direct and semi-direct lighting techniques. **(2 marks)**

8. State two methods of managing fullness that are mainly functional. **(2 marks)**

9. Give two benefits of preparing a shopping list. **(2 marks)**

10. State two reasons why a child suffering from scurvy may also be anaemic. **(2 marks)**

11. Give two reasons why consumers should avoid skin products that contain mercury. **(2 marks)**

12. Give two reasons why too early weaning of the baby is not recommended. **(2 marks)**

13. Identify two points considered when marking covers at the dining table. **(2 marks)**

14. State two precautions to take when using rechauffe dishes. **(2marks)**

15. State two advantages of a well-planned kitchen area. **(2 marks)**

16. State two uses of a colander. **(2 marks)**

17. State two reasons why excess weight gain during pregnancy is not recommended. **(2 marks)**

18. Give two ways of conserving fuel when cooking. **(2 marks)**

19. State two reasons for food fortification. **(2 marks)**

20. Mention two processes that must be completed before attaching a waist band. **(2 marks)**

SECTION B (20 MARKS)

COMPULSORY QUESTIONS

21. You are preparing to host your sister's graduation party. Describe the correct procedure you will use to thorough:

a) Clean the oil painted wall of your living room. **(11 marks)**

b) Clean the china mug you will give her as a gift. **(5 marks)**

c) Finish a silk scarf to be used in the occasion. **(4 marks)**

SECTION C (40 MARKS)

Answer any TWO questions in this section.

22. a) State and explain four factors that determine repair methods used on a garment. **(8 marks)**

b) Define term anorexia nervosa. State any three of the signs and symptoms. **(4 marks)**

c) Describe the correct procedure of threading the upper thread on the sewing machine. **(4 marks)**

d) Outline the function of the following sewing tools. **(4 marks)**

i) Bodkin
ii) Stilleto
iii) Meter stick
i) Measuring gauge

23. a) State any four physical changes in the body of the sick that may require immediate medical attention. **(4 marks)**

b) Outline four factors to consider to ensure effective baking of food. **(4 marks)**

c) State and explain four methods of sterilizing clothes of the sick. **(8 marks)**

d) State four reasons for increasing popularity of acrylics for school sweater. **(4 marks)**

24. a) Outline four qualities to look choosing flowers for arrangement. **(4 marks)**

b) Outline four causes of cracked nipple in breastfeeding. **(4 marks)**

c) State any four types of child play and for each, outline the aspect of development it promotes. **(8 marks)**

d) State four importance of table setting. **(4 marks)**

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KCSE 2025 FINAL PREDICTION

(POSSIBLE KCSE EXAM 3)

HOME SCIENCE

441/2

PAPER 2

TIME: 2½ HOURS

SCHOOL…… SIGN……

Kenya Certificate of Secondary Education.

(Clothing Construction - Practical)

CONFIDENTIAL

INSTRUCTIONS TO SCHOOL

The following materials to be provided by the school:

1. Plain light weight cotton fabrics 70cm long by 90cm wide
2. Sewing thread to match the fabric

FABRIC IN EXCESS OF THE AMOUNT SPECIFIED MUST NOT BE SUPPLIED TO THE CANDIDATES

KCSE 2025 FINAL PREDICTION

(POSSIBLE KCSE EXAM 3)

HOME SCIENCE

441/2

PAPER 2

TIME: 2½ HOURS

NAME……

SCHOOL…… **SIGN**……

INDEX NO…… **ADM NO**……

Kenya Certificate of Secondary Education.

(Clothing Construction - Practical)

Instructions to candidates

(a) *Write your name, admission number and class in the spaces provided above.*

(b) *Answer* ***ALL*** *questions in this paper.*

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

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

MATERIALS 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
4. One large envelope

THE TEST

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

a) Cutting cut **(18 marks)**

b) Making of the front dart **(8 marks)**

c) Attaching the back yoke to the dress back using overlaid seam. Neaten half of the seam using overcasting stitches. **(6 marks)**

d) Joining of the shoulder seam using fell/double stitched seam. **(9 marks)**

e) Joining the side seam suing the French seam **(7 marks)**

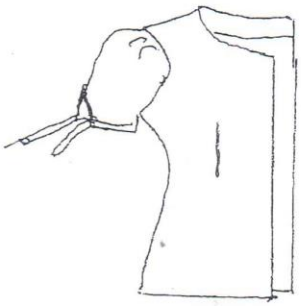
f) Preparing and attaching the sleeve **(28 marks)**

i. Work the gathers on the crown (do not remove)
ii. Joining the under seam using a French seam
iii. Working a faced-slit opening on the sleeve
iv. Attaching the binding and holding it using slip hemming. Hold the tie using even tacking
v. Attaching the sleeve onto the garment (do not trim or neaten)

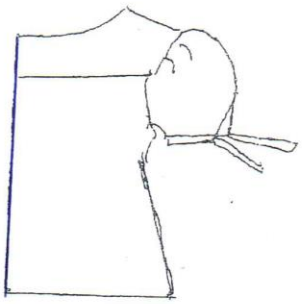
g) Attaching the facing of the neckline **(8 marks)**

h) Presentation **(6 marks)**

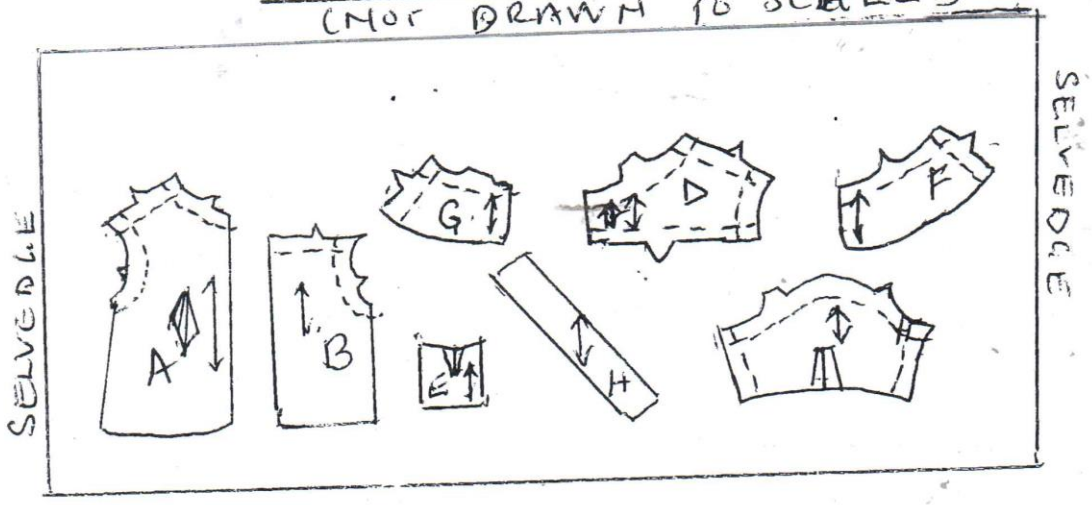
FRONT VIEW



BACK VIEW



PATTERN LAYOUT
(NOT DRAWN TO SCALE)



KCSE 2025 FINAL PREDICTION

(POSSIBLE KCSE EXAM 4)

HOME SCIENCE

441/1

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: (40 marks)

*Answer **all** the questions*

1. Identify **two** functions of lipids in the body. **(2marks)**

2. What vitamins have the following scientific names? **(2marks)**

Tocopherols ……..

Cholecalciferol ……..

Thiamine ……..

Phylloquinone ……..

3. Mention **two** reasons why a classroom should be well lit. **(2marks)**

4. Outline **three** reasons why charcoal should be well lit before starting cooking. **(3marks)**

5. List **four** soft furnishings used in the bedroom. **(2marks)**

6. Mention the function of each of the following parts of a sewing machine. **(2marks)**

Feed dog ……

Tension disc ……

Take up lever ……

Stop motion screw ……

7. Identify **two** qualities of a good dish cloth. **(2marks)**

8. List **four** items that can be starched in the home. **(2marks)**

9. Mention **two** advantages of tacking before stitching. **(2marks)**

10. Suggest **four** areas where diagonal tacking/basting can be done during stitching **(2marks)**

11. Complete the table on classification of fibres. **(2marks)**

Fibre	Class
Linen	
Acetate rayon	
Wool	
Elastofibre	

12. Highlight **three** ways of preventing falls in the home. **(3marks)**

13. Mention **two** uses of tomatoes in cooking. **(2marks)**

14. Identify **three** advantages of shopping in a big supermarket/hypermarket. **(3marks)**

15. Suggest **two** reasons why iron should be increased in a pregnant woman's diet**.(2marks)**

16. Give **two** limitations of burning as a method of disposing refuse. **(2marks)**

17. Mention **two** advantages of cash buying. **(2marks)**

18. Give **two** causes off thread breaking when using a sewing machine. **(1mark)**

19. Mention **four** reasons for blanching vegetables. **(2marks)**

SECTION B: (20 marks)

COMPULSORY

Answer question 20 in the spaces provided after the question

20. You are holding your 18th birthday party and have invited a number of friends.

a) Outline the procedure you will follow when laundering the sheer silk blouse you intend to wear to the party. **(9marks)**

b) Describe how you will clean the polished dining table to be used that day. **(6marks)**

c) Outline how you will clean the tarnished silver spoons to be used by the guests. **(5marks)**

SECTION C: (40 marks)

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

21.

a) Outline **five** reasons for including fruits and vegetables in a meal. **(5marks)**

b) Explain **five** factors to consider when buying a clothes drying rack. **(5marks)**

c) Highlight **four** factors to consider when buying cabbages. **(4marks)**

d) Discuss **three** problems a student may face when buying body lotion. **(6marks)**

22.

a) Explain **three** principles of food preservation. **(6marks)**

b) Outline **five** rules to observe when removing stains from garments. **(5marks)**

c) Suggest **five** causes of malnutrition in pregnancy. **(5marks)**

d) Mention **four** reasons why it is not advisable to buy a cooker on hire purchase. **(4marks)**

23.

a) Suggest **four** qualities of a well-made patch on a bedsheet. **(4marks)**

b) Discuss **four** factors to consider when choosing a seam in garment construction. **(8marks)**

c) Highlight **four** benefits of breastfeeding to a nation. **(4marks)**

d) Mention **four** qualities of fabric for making a baby's clothes. **(4marks)**

KCSE 2025 FINAL PREDICTION

(POSSIBLE KCSE EXAM 4)

HOME SCIENCE

441/2

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.

i) **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 FINAL PREDICTION

(POSSIBLE KCSE EXAM 5)

HOME SCIENCE

441/1

PAPER 1

TIME: 2½ HOURS

NAME……

SCHOOL…… **SIGN**……

INDEX NO…… **ADM NO**……

Kenya Certificate of Secondary Education.

INSTRUCTIONS TO CANDIDATES

(a) Write your name and index number in the spaces provided above.
(b) Sign and write the date in the examination spaces provided above
*(c) This paper consists of **three** sections: **A, B** and **C.***
*(d) Answer **all** questions in section **A** and **B** and any **two** from section **C.***
*(e) Answers to **all** the questions must be written in the spaces provided.*
*(f) **Candidates should answer the questions in English.***

FOR EXAMINER'S USE ONLY

Section	Question	Maximum Score	Candidate's Score
A	**1-20**	**40**	
B	**21**	**20**	
C	**22-24**	40	
Total score		**100**	

SECTION A (40 MARKS)

Answer all questions in this section

1. State **two** uses of eggs in flour mixtures. **(2 marks)**

2. Give two ways of preventing skin diseases. **(2 marks)**

3. State two disadvantages of traditional house designs. **(2 marks)**

4. State two qualities of travel wear. **(2 marks)**

5. Give the importance of calcium in expectant women. **(2 marks)**

6. Give two disadvantages of credit cards. **(2 marks)**

7. Give two reasons why babies fed on infant formula may suffer from diarrhea. **(2 marks)**

8. Identify two precautions to take when cleaning glass utensils. **(2 marks)**

9. State two advantages of convenience foods. **(2 marks)**

10. Define ventilation. **(1 mark)**

11. State two reasons for ironing clothes **(2 marks)**

12. Mention two advantages of starching house hold articles. **(2 marks)**

13. Name two vaccines that are given to a baby immediately after birth. **(2 marks)**

14. Mention three areas/centres of work that make up the work triangle. **(3 marks)**

15. Suggest two reasons for cleaning paraffin tank of a hurricane lamp occasionally. **(2 marks)**

16. Differentiate between antiseptic liquid and disinfectant. **(2 marks)**

17. Give two examples of self-neatening seams. **(2 marks)**

18. State two reasons for including fruit salad in a meal. **(2 marks)**

19. Give two uses of temporary stitches. **(2 marks)**

20. List two points to consider when selecting a thimble. **(2 marks)**

SECTION B (Compulsory)

21. You have been assigned some household chores by your mother.

Describe the procedure of carrying out the following tasks.

a) Making muddy contaminated water safe for drinking without using chlorine and storing it. **(8 marks)**

b) Dry cleaning and finishing polyester tie. **(6 marks)**

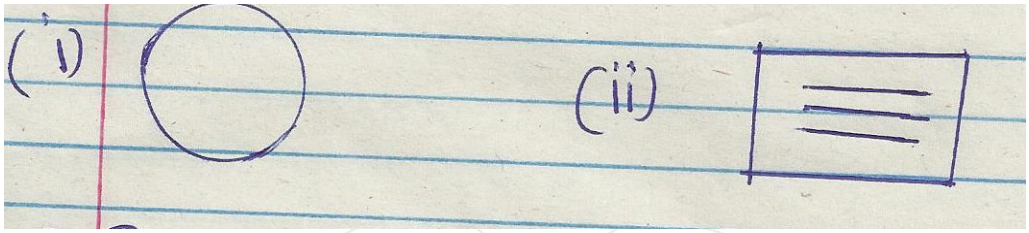
c) Cleaning a melamine cup. **(6 marks)**

SECTION C (40 Marks)

Answer any TWO questions from this section in the space provided.

22. a) State three laundry work processes that are harmful to woolen fibres and in each case state the harm caused. **(6 marks)**

b) Give the meaning of the following care symbols**.** **(2 marks)**



c) Outline the procedure of cleaning a kitchen refuse bin. **(6 marks)**

d) Suggest five factors to consider when shopping for goods and services. (6 marks)

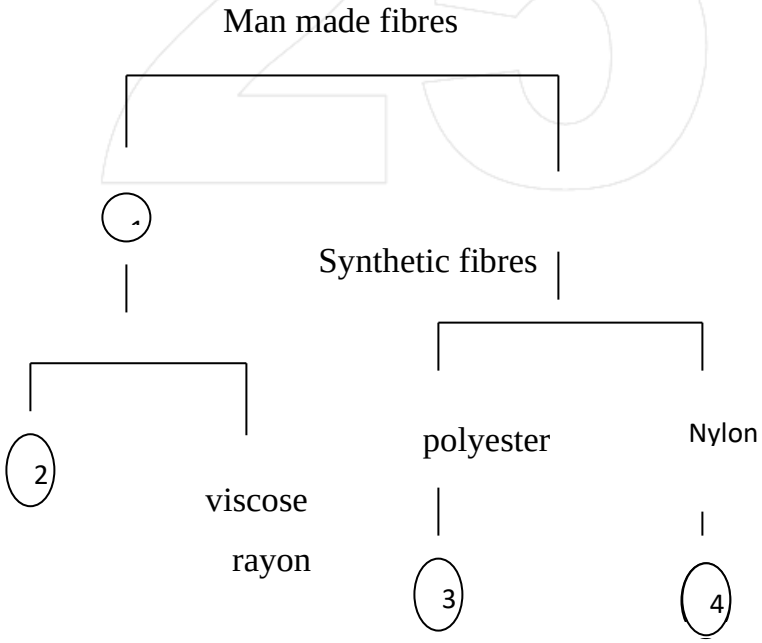
23. a) Explain five considerations to make when furnishing a sitting room. **(5 marks)**

b) Explain three nutritional needs of an adolescent. **(6 marks)**

c) Explain five preparations to make on a fabric before cutting out. **(5 marks)**

d) Complete the following diagram on the classification of man made textile fibre.(4 marks)

(Indicate what the number given stands for)



24. a) State four ways of misusing medicine. **(4 marks)**

b) Giving reasons in each case, explain three changes that take place in dough during the frying of mandazi. **(6 marks)**

c) With the aid of two labeled diagrams, describe how to make an overlaid seam. **(7 marks)**

d) Name three nutritional disorders associated with lifestyle. **(3marks)**

KCSE 25

KCSE 2025 FINAL PREDICTION

(POSSIBLE KCSE EXAM 5)

HOME SCIENCE

441/2

PAPER 2

TIME: 2½ HOURS

SCHOOL…… SIGN……

Kenya Certificate of Secondary Education.

CONFIDENTIAL

Schools should provide the following materials;

1. Plain light weight cotton fabric 65cm by 90cm

2. Sewing thread to match the fabric.

KCSE 2025 FINAL PREDICTION

(POSSIBLE KCSE EXAM 5)

HOME SCIENCE

441/2

PAPER 2

TIME: 2½ HOURS

NAME……

SCHOOL…… **SIGN**……

INDEX NO…… **ADM NO**……

Kenya Certificate of Secondary Education.

(CLOTHING AND CONSTRUCTION)

Instructions to the candidates.

1. *This paper contains 3 printed pages.*
2. *Candidates should check the question paper to ascertain that all pages are as printed as indicated and that no questions are missing.*

A pattern of a child's dress 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. Dress Back
B. Dress Front
C. Front Yoke
D. Sleeve
E. Sleeve Binding
F. Back Facing
G. Front Facing

2. Plain lightweight cotton fabric 65cm 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 **RIGHT HALF** of a child's dress to show the following processes.

(a) Cutting out **($16^1/_2$mks)**

(b) Attaching the front yoke to the dress front using an overlaid seam. Neaten **half** of the seam using overcasting stitches; **(12mks)**

(c) Joining the shoulder seam using an open seam (**do not neaten**) **(4mks)**

(d) Joining of the side seam using an open seam; **(9mks)**

(e) Preparing and attaching the sleeve; **(27mks)**

(i) Making an inverted pleat

(ii) Joining the underarm seam using an open seam (**do not neaten**)

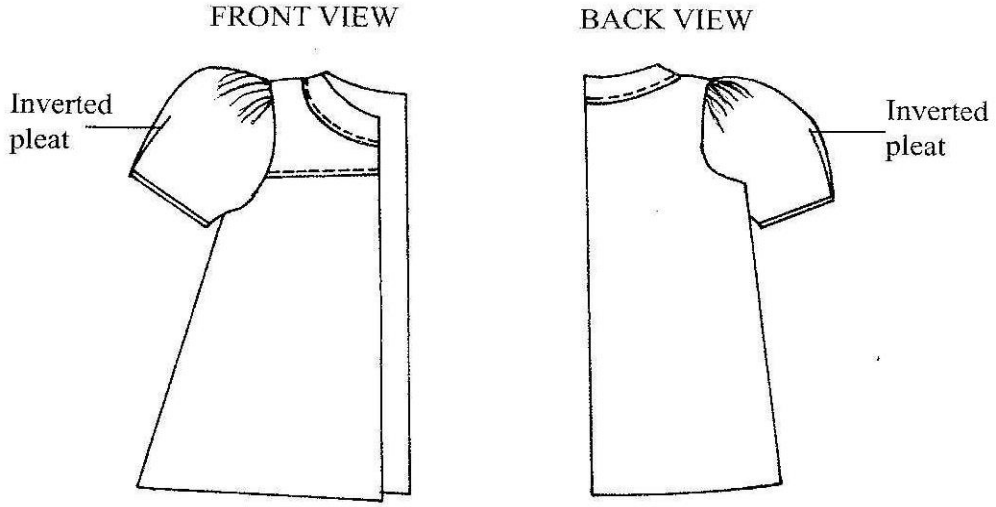
(iii) Attaching the binding and holding it using slip hemming (slip hem **half** the binding)

(iv) Attaching of the sleeve onto the garment (**do not trim or neaten**)

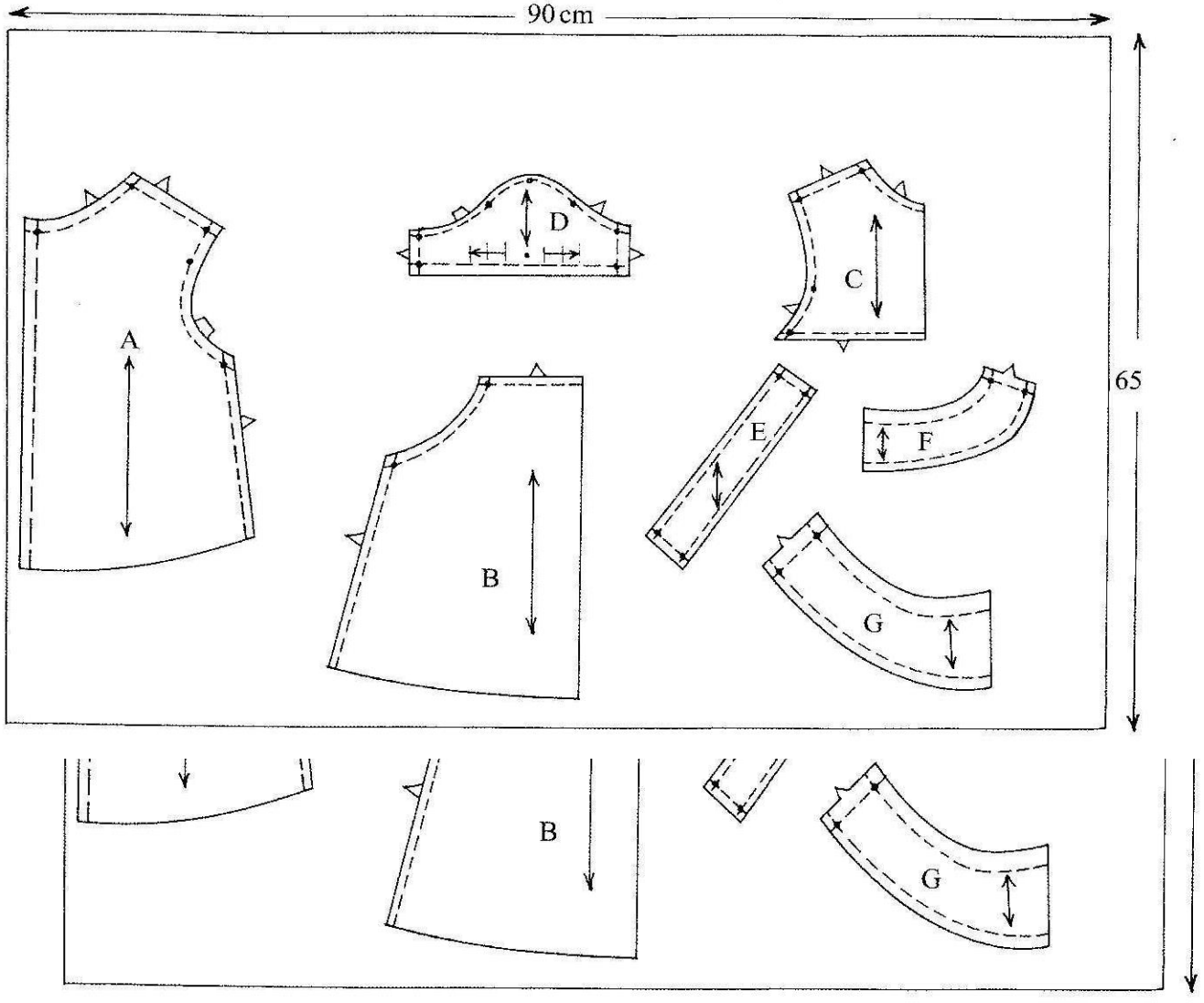
(f) Attaching the facing on the neckline. **(14mks)**

(g) Presentation **($7^1/_2$)**

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



THE LAYOUT (NOT DRAWN TO SCALE)



KCSE 2025 FINAL PREDICTION

(POSSIBLE KCSE EXAM 6)

HOME SCIENCE

441/1

PAPER 1

TIME: 2½ HOURS

NAME……

SCHOOL…… **SIGN**……

INDEX NO…… **ADM NO**……

Kenya Certificate of Secondary Education.

INSTRUCTIONS TO CANDIDATES

1. Answer ALL question In the spaces provided

2. Sector A and B are compulsory

3. Answer any two question in section C

FOR EXAMINERS USE ONLY

SECTION	QUESTION	MAXIMUM SCORE	CANDIDATES
A	1-19	40	
B	20	20	
C	21 22 23	20 20 20	
TOTAL		100	

SECTION A (40 MARKS) COMPULSORY

1. State **three** advantages of using wood panels as well covering **(3mks)**

2. Give **two** reasons for smoking a latrine **(2mks)**

3. Name **two** type of flour made from wheat **(2mks)**

4. Give two reason for preheating an oven to the correct temperature before putting the food item in the oven **(2mks)**

5. Name any **four** soft furnishing used in the toilet **(2mks)**

6. What is the role of VCT in sate parenthood **(2mks)**

7.) Define the term kitchen hygiene **(1mk)**

8. State classification of kitchen equipment and give two example in each case **(3mks)**

9. Give the principle used in bottling of fruit juices **(2mks)**

10. Highlight **two** uses of a colander as a kitchen equipment **(2mks)**

11. Name **four** types of fuel used when ironing clothes **(2mk)**

12. Why is synthetic filament commonly used to make brushes for scrubbing the toilet **(2mks)**

13. State **three** ways of minimizing wastage of detergent during washing (**3mks)**

14. Give **other** names of the following nutrients **(2mks)**

Vitamin E……..

Vitamin B_2.....

Vitamin B_{12}.....

Vitamin C…….

15. List **two** permanent stiches used to neaten open seam **(2mks)**

16. Give **two** qualities of a good baby bed. **2mrks**

17. Name **three** ways in which ignorance may lead to malnutrition **(3mks)**

18. Define the term fuel as used in seams **(1mk)**

19. State **two** characteristics expected of a first Aider **(2mks)**

SECTION B (20 MARKS) COMPULSORY

20. Analyse how to carry out the following activities at home during the holidays.

(i) Describe how to clean your school synthetic bag **(10mks)**

(ii) Describe how you will arrange flowers during your birthday party **(10mks)**

SECTION C

Answer any two questions from this section

21.

a) State **four** signs of a child suffering from Kwashiorkor **(4mks)**

b) Explain **four** points to consider when buying a washing machine **(8mks)**

c) Explain how the following measurements are taken in a garment construction **(3mks**

(i)Hip

(ii)Waist

(iii)Bust

d) State **five** reasons that has made convenience food quite popular today in the market **(5mks)**

22. (a) State **four** ways of coping with inflation in today's society **(4mks)**

(b) Explain **four** precautions to take when handling yeast mixtures **(8mks)**

(c) State **six** roles of a swing needle machine apart from straight stitch **(6mks)**

(d) State **two** qualities to look for when buying a toy for a six month old baby **(2mks)**

23. (a) State five determinants of safe parenthood **(5mks)**

(b) Differentiate between persuasive and competitive advertisement **(4mks)**

(c) Explain **four** methods used in flour mixtures to introduce the raising agents **(8mks)**

(d) State **six** possible causes of a machine needle breaking during stitching **(3mks)**

THIS IS THE LAST PRINTED PAGE!

KCSE 2025 FINAL PREDICTION

(POSSIBLE KCSE EXAM 6)

HOME SCIENCE

441/2

PAPER 2

TIME: 2½ HOURS

NAME……

SCHOOL…… **SIGN**……

INDEX NO…… **ADM NO**……

Kenya Certificate of Secondary Education.

HOME SCIENCE

441/2

PAPER 2

PRACTICAL

TIME: 2 ½ Hours

CLOTHING CONSTRUCTION

INSTRUCTIONS

a) This paper consist of 3 printed papers

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

A pattern of a child dress is provided. Your are advised to study the sketches the questions paper and the layout before the text

Materials provided

1. Pattern pieces

(a) Dress front

(b) Dress back

(c) Sleeve

(d) Front neck facing

(e) Back neck facing

2. Plain light weight cotton fabric 70cm by 90 cm wide.
3. Sewing thread to match the fabric
4. Cotton lace one inch wide by 25 cm long

The Text

Using the material provided, cut out and make up the LEFT HALF of the child's dress to show the following

a) Making of the French seam at the shoulders

b) Joining of the side with a neatened plain seam. Neaten with overcasting stitches

c) Joining of the underarm seam using a neatened open seam

d) The attaching of the lace on a lower edge of sleeve using an overlaid seam

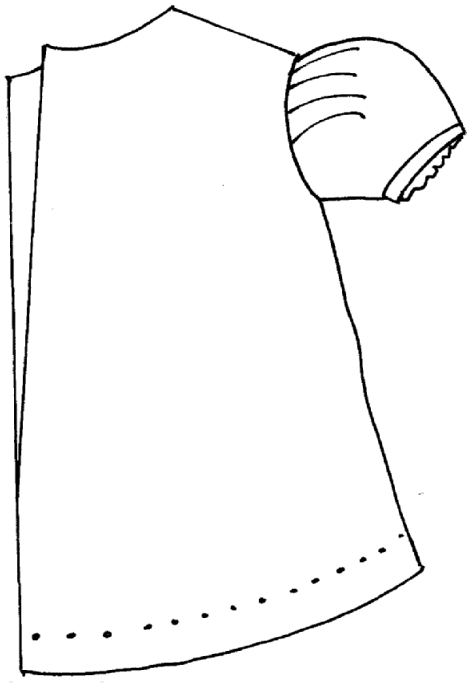
N/B Do not neaten or trim

e) The preparation and the attachment of the sleeve, Neaten with loop stitches

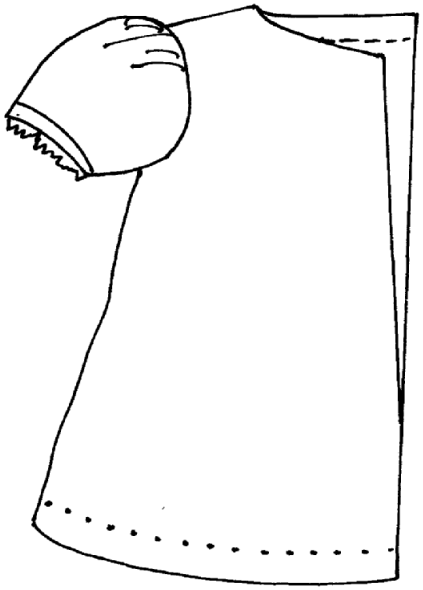
f) The preparation and the attachment of the neck facings

g) Management of the dress hem (handmade)

At the end of the examination, firmly sew on your work on a single fabric a label bearing your name and index number. Remove needles and pins from your work, then fold your work carefully and present if for marking

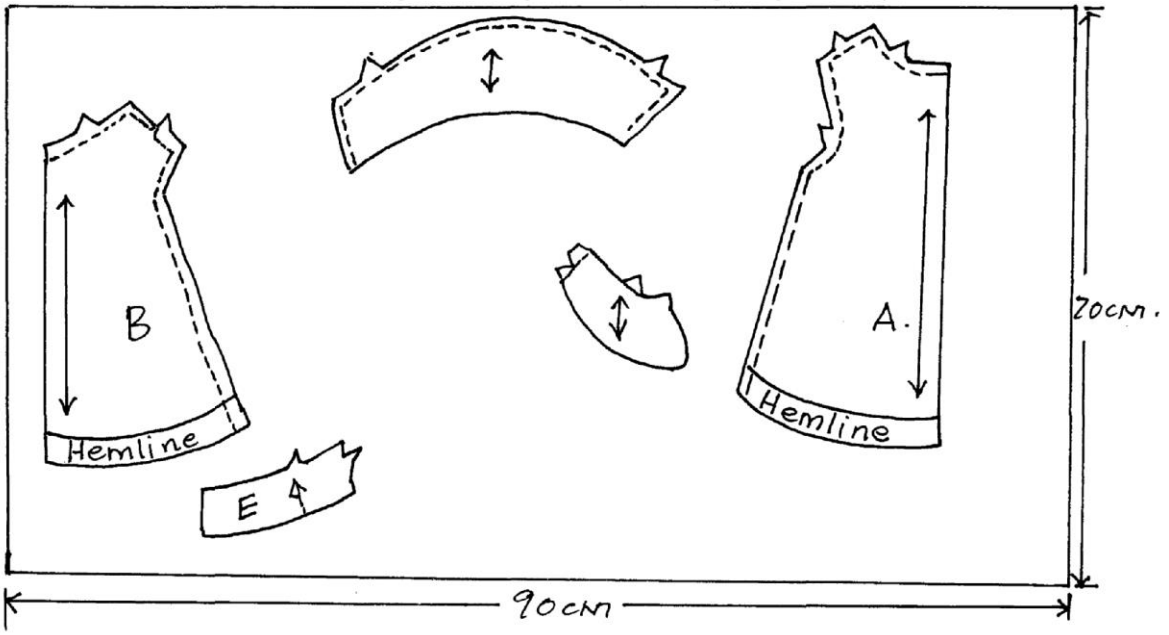


BACK VIEW



FRONT VIEW

LAYOUT (NOT DRAWN TO SCALE)



KCSE 2025 FINAL PREDICTION

(POSSIBLE KCSE EXAM 7)

HOME SCIENCE

441/1

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 from 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: (40 marks)

*Answer **ALL** the questions in this section in the spaces provided.*

1. Name **two** examples of absorbers used in stain removal. **(1 mk)**

2. List down **two** stains that are removed by sunlight. **(1 mk)**

3. Give another name for the following nutrients. **(2 mks)**

a. Vitamin A _____

b. Tocopherol _____

c. Vitamin C _____

d. Phylloquinone_____

4. State **two** qualities to look for when buying a kitchen knife. **(2 mks)**

5. Give **four** disadvantages of decayed teeth. **(2 mks)**

6. Mention **four** uses of milk in food preparation. **(2 mks)**

7. Give **two** signs and symptoms a person suffering from goitre would exhibit. **(2 mks)**

8. Dried fruits are used to in cake making. Give **two** reasons for this. **(2 mks)**

9. Give **two** advantages of using an ironing board instead of a table when ironing clothes.**(2 mks)**

10. Mention **four** reasons why excessive gain during pregnancy is dangerous. **(2 mks)**

11. State **two** precautions taken when laundering viscose rayon. **(2 mks)**

12. State **three** benefits of breast-feeding to a mother. **(3 mks)**

13. Give **two** uses of facings in clothing construction. **(2 mks)**

14. What is the difference between decorating and garnishing food. **(2 mks)**

15. List down **four** faults that may occur in cooking of mandazi. **(2 mks)**

16. Outline **two** reasons for blending fibres. **(2 mks)**

17. State **two** advantages of electricity as a form of lighting. **(2 mks)**

18. Highlight **two** disadvantages of réchauffé dishes. **(2 mks)**

19. Give **three** considerations to make when choosing cleaning agents. **(3 mks)**

20. State **four** uses of trimmings in garment construction. **(2 mks)**

SECTION B (20 marks)

COMPULSORY

Answer question 21 in the spaces provided.

21. You have been requested to assist with some chores in the home.

a. Outline **six** rules to observe when removing stains from clothes and household articles before doing the family wash. **(6 mks)**

b. Outline the procedure you would follow when laundering a woolen blanket for a baby cot. **(14 mks)**

SECTION C (40 MARKS)

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

22. (a) Outline **four** practices undertaken to prevent loss of colour when laundering clothes. **(4 mks)**

(b) Explain **four** factors to consider when buying green leafy vegetables. **(8 mks)**

(c) Mention **four** points to consider when taking body measurements. **(4 mks)**

(d) Suggest **four** factors that can cause food prices to rise. **(4 mks)**

.

23. (a) State **four** ways of minimizing fatigue while working in the kitchen. **(4 mks)**

(b) Give **four** qualities of a well-made patch on a bed sheet. **(4 mks)**

(c) Identify and explain **three** activities carried out in preparation for a family wash. **(6 mks)**

(d) Give two reasons for using each of the following ingredients in flour mixtures. **(6 mks)**

i) Eggs

ii) Sugar

iii) Salt

24. (a) Outline **two** remedies for each of the following sewing machine faults. **(4 mks)**

i. Needle breaking

ii. Missing stitches

(b) Describe **three** principles of food preservation. **(6 mks)**

(c) Explain **four** benefits of living in a well-ventilated house. **(4 mks)**

(d) Explain **three** factors to consider when selecting a baby's clothes. **(6 mks)**

KCSE 25

KCSE 2025 FINAL PREDICTION

(POSSIBLE KCSE EXAM 7)

HOME SCIENCE

441/2

PAPER 2

TIME: 2½ HOURS

SCHOOL…… SIGN……

Kenya Certificate of Secondary Education.

CONFIDENTIAL

1. *Plain light weight cotton fabric 70 by 90cm..*

2. *Sewing thread to match the fabric.*

3. *Elastic 18cm long by ½ cm wide*

4. *Bodkin/ safety pin*

5. *1 large envelope.*

KCSE 2025 FINAL PREDICTION

(POSSIBLE KCSE EXAM 7)

HOME SCIENCE

441/2

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

Time: 2 ½ hours

A pattern of a blouse 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 - FRONT BODICE
   - B- BACK BODICE
   - C- SLEEVE
   - D - FRONT YOKE
   - E- COLLAR
   - F- FRONT FACING
   - G - BACK NECK FACING
2. Plain light weight cotton fabric 70 by 90 cm.
3. Sewing thread to match the fabric.
4. Elastic cord 18 cm long by $^1/_2$cm wide
5. Safety pin/bodkin
6. 1 large envelope.

THE TEST

Using the materials provided, cut out and make up the **LEFT HALF** of the blouse to show the following.

1. Cutting out. **(18mks)**
2. Working a double pointed dart at the back bodice **(7mks)**
3. Working of the inverted pleat on the front yoke **(3mks)**
4. Joining the front bodice to the front yoke using an overlaid seam **($8^1/_2$mks)**
5. Joining the joint front bodice to back bodice at the shoulder using double stitched seam. (**6mks)**
6. Joining the joint front bodice to back bodice at the side using an open seam**. (4mks)**
7. Joiningthe front facing to the back neck facing and neatening the free edge of the joined facing **($6^1/_2$mks)**

8. Preparation of the interfaced collar **($3\frac{1}{2}$mks)**

9. Usethe joined facing to neaten the front opening and attach the collar by sandwiching method. **($7\frac{1}{2}$mks)**

10. Working of the sleeve to include.

a) Management of fullness at the crown. **($2\frac{1}{2}$mks)**

b) Making of the underarm seam using French seam. **($7\frac{1}{2}$m**

c) Joining of the sleeve to the garment at the armhole**.** ***(Do not trim, do not neaten)*** **(6mks)**

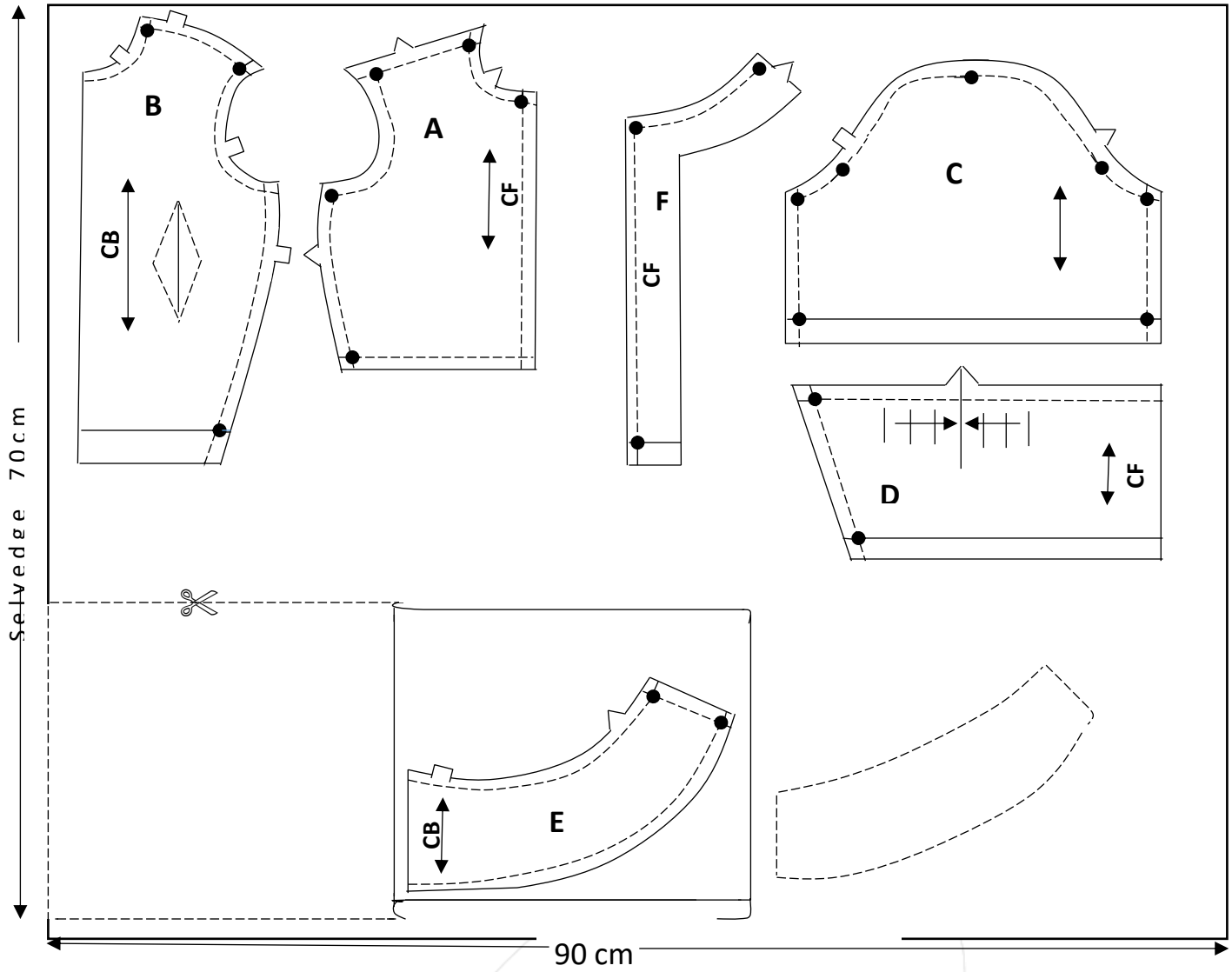
d) Working of the elastic casing at the lower edge of the sleeveand insertingthe elastic cord. **Do not seal the opening used to insert the cord** **($4\frac{1}{2}$mks)**

11. Presentation. **($5\frac{1}{2}$mks)**

NOTE:

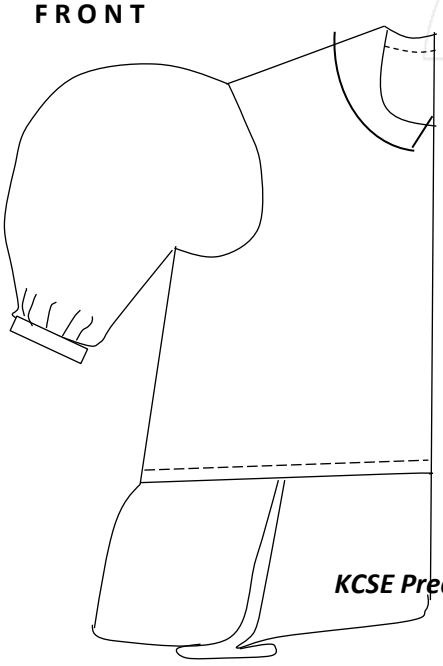
At the end of the test, firmly sew on to your work on a single fabric a label bearing your name and admission number. Remove needles and pins from work. Then fold your work carefully and place it in the envelope. **DO NOT PUT SCRAPS OF MATERIALS IN THE ENVELOPE AND DO NOT SEAL THE ENVELOPE.**

LAYOUT – NOT DRAWN TO SCALE

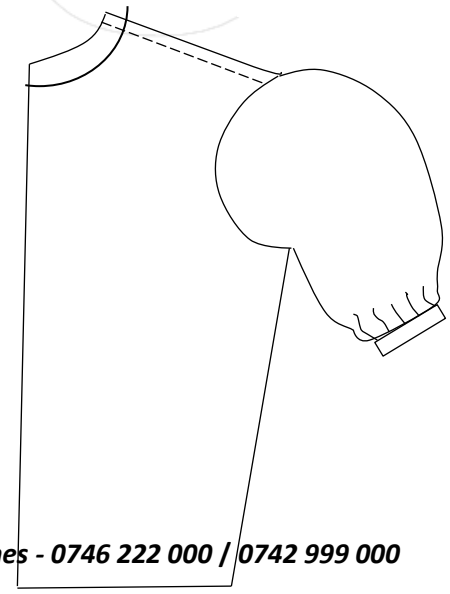


VIEWS

FRONT



BACK



KCSE Predictions Marking Schemes - 0746 222 000 / 0742 999 000

KCSE 2025 FINAL PREDICTION

(POSSIBLE KCSE EXAM 8)

HOME SCIENCE

441/1

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.***
- *Answers should be written in the spaces provided in this booklet.*

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 in the spaces provided.

1. What is a recipe? **(1mk)**

2. Differentiate between macro and micro nutrients **(1mk)**

3. List four diseases in the immunization schedule for babies. **(2mks)**

4. Give two examples of each of the following

i). Conspicous seams **(1mk)**

ii). Inconspicous seams **(1mk)**

5. List 2 insects which can cause poisonous stings **(2mks)**

6. Name two opportunistic diseases related to HIV and AIDs **(2mks)**

7. Give two symptoms of toxemia in pregnancy. **(2mks)**

8. Mention two methods of preserving fruits without use of a refrigerator. **(2mks)**

9. Name the biological agent used in breed making **(1mk)**

10. Define blanching **(1mk)**

11. Give two reasons why blanching is done **(2mks)**

12. Give another name for the following nutrients **(2mks)**

13. List four items in a first aid kit that can be used to manage a sprain.

14. State two uses of interfacing in garment construction **(2mks)**

15. State two functions of amniotic fluid in relation to pregnancy **(2mks)**

16. Give two reasons for basting foods while cooking **(2mks)**

17. Highlight two disadvantages of rechauffe dishes. **(2mks)**

18. Whats the difference between a cesspool and a soakpit **(2mks)**

19. Identify four types of repairs done on clothes **(2mks)**

20. Outline four ways of introducing air mechanically into flour mixtures. **(2mks)**

21. Give four principles of food preservation **(2mks)**

22. List any four resources that a consumer can lack. **(2mks)**

SECTION B: 20 MARKS

COMPULSORY

23. You have been assigned to carry out some household chores.

a). thoroughly clean a wooden chopping board in readiness for use in the kitchen. **(5mks)**

b). Outline how to weekly clean a hurricane lamp. **(8mks)**

c). Launder a fast coloured knitted cotton T-shirt. **(7mks)**

SECTION C (40MKS)

Answer Any Two questions from this section in the spaces provided at the end of this section.

24. a). Give five reasons why it would not be advisable to buy a refrigerator on higher purchase. **(5mks)**

b). State five advantages of budgeting family income **(10mks)**

c). Outline any five factors to consider when buying fabrics for soft furnishing **(5mks)**

25. a). Explain the meaning of the following terms in meal planning and management **(3mks)**

i). Accompaniment

ii). Savoury foods

iii). Flavourings

b). State five characteristics of buffet service. **(5mks)**

c). Outline any six changes that may require a doctor's attention while nursing a patient **(6mks)**

d). Explain three ways of meeting the nutritional needs of a patient recovering at home **(6mks)**

26. a). Explain four factors that may influence the frequency of cleaning a house. **(8mks)**

b). Explain three processes carried out on a fabric before laying out patterns. **(6mks)**

c). Outline six qualities of a well made cuff. **(6mks)**

KCSE 2025 FINAL PREDICTION

(POSSIBLE KCSE EXAM 8)

HOME SCIENCE

441/2

PAPER 2

TIME: 2½ HOURS

NAME……

SCHOOL…… SIGN……

INDEX NO…… ADM NO……

Kenya Certificate of Secondary Education.

CLOTHING AND TEXTILE

HOME SCIENCE

(CLOTHING CONSTRUCTION)

PAPER 2 – PRACTICAL

TIME: 2 ½ HOURS

A pattern of an Apron is provided. You are advised to study the sketches, the question paper and the layout carefully before you begin the test.

MATERIALS PROVIDED:

1. Pattern pieces.

A Apron skirt

B Bib

C Waistband

D Frill

E Pocket

2. Plain light weight cotton fabric 80cm long by 114cm wide.

3. Sewing thread to match the fabric.

THE TEST:

Using the materials provided, cut out and make the apron to show the following.

(a) The preparation of the bib.

(b) The attachment of the bib to the waistband.

(c) The preparation of the pleats on the frill.

(d) Attaching the frill onto the skirt using an overlaid seam.

(e) Starting from the right hand edge, neaten 8cm of the overlaid seam using loop stitches.

(f) Machine hemming the right hand edge of the skirt.

(g) Preparation of the pocket and attaching it on the skirt of apron.

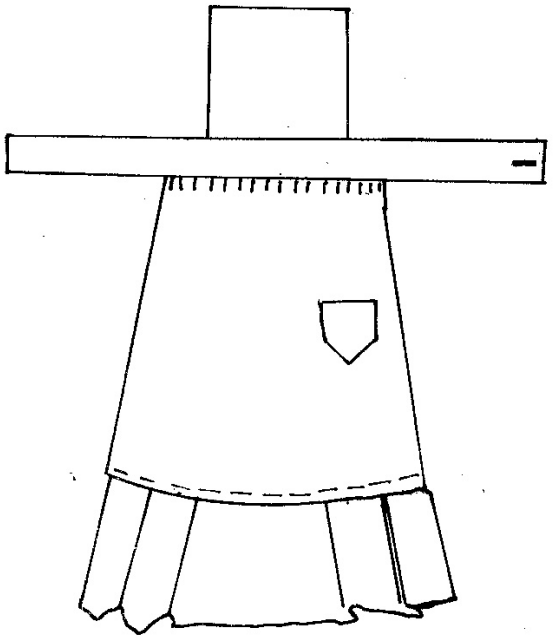
(h) Working of gathers on the skirt.

(i) Machining the skirt onto the overlap of the waistband.

(j) Holding the under lap onto the skirt using long and short tacking stitches. Do not hem.

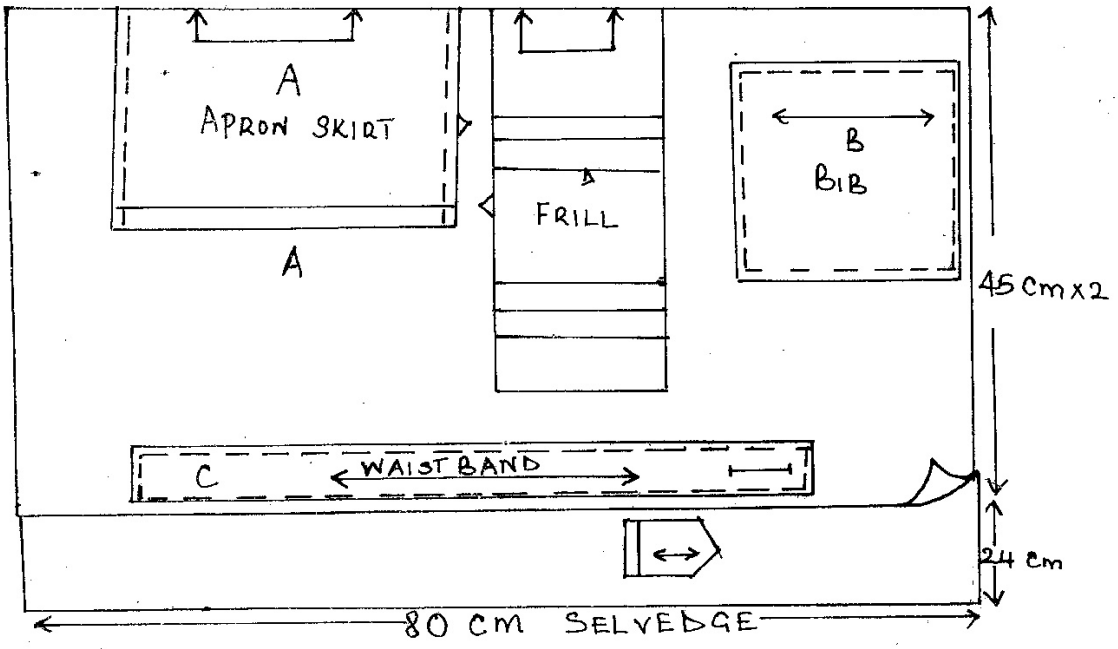
(k) Working of buttonhole.

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 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.



FRONT VIEW

LAYOUT (NOT DRAWN TO SCALE)



KCSE 2025 FINAL PREDICTION

(POSSIBLE KCSE EXAM 9)

HOME SCIENCE

441/1

PAPER 1

TIME: 2½ HOURS

NAME……

SCHOOL…… SIGN……

INDEX NO…… ADM NO……

Kenya Certificate of Secondary Education.

INSTRUCTIONS TO CANDIDATES

a) Write your name and admission no in the spaces provided.

b) Answer all the questions in section A and B and any two from section C.

c) Answers to all questions must be written in the spaces provided.

For examiners use only.

Section	Question	Maximum score	Candidates score
A	1-23	40	
B	24	20	
C	25-27	40	
TOTAL SCORE		100	

SECTION A (40 MARKS)

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

1. Mention two disadvantages of steaming food **(2mark)**

2. State two conditions essential in making steam effective as a raising agent **(2mark)**

3. Mention two points on prevention and control of round worms **(2mark)**

4. Identify two ways of meeting the emotional needs of patient recuperating at home **(2mark)**

5. List two ways of achieving good **grooming** **(2mark)**

6. State two advantages of bungalows **(2mark)**

7. State two factors that affect a budget **(2mark)**

8. State two advantages of breast milk **(2mark)**

9. State two points that guarantee safe parenthood **(2mark)**

10. Mention two points to observe when using disinfectants during laundry **(2mark)**

11. List two uses of candles as a source of lighting **(1mark)**

12. Mention two advantages of biogas **fuel** **(2mark)**

13. List down two ways of ventilating a room using doors and windows. **(1mark)**

14. Mention two common injuries which may accidentally occur at home. **(1mark)**

15. State two ways of improvising clothes storage facilities **(2mark)**

16. Mention two uses of facings in clothing construction **(2mark)**

17. Differentiate between a tear and a wear **(2mark)**

18. Mention two areas in a garment where diagonal tacking can be used **(1mark)**

19. Openings are of various types. Give two **examples** **(2mark)**

20. State two properties of silk that makes it suitable for making furnishings **(2mark)**

21. Give the correct directions of pressing the following darts**.** **(1mark)**

Front shoulder dart

elbow dart

22. State two qualities of a well-made seam **(2mark)**

23. Mention two methods of attaching collars to the neckline **(2mark)**

SECTION B: (20 MARKS)

COMPULSORY

Answer question 41 in the spaces provided.

24. Your sister has invited you to a stay with her over the holiday and she has an eight months old baby. Describe the procedure of carrying out the following activities at her home;

a) Prepared a baby cot for her **(8marks)**

b) Thorough clean her calabash that she uses to serve porridge **(5marks)**

c) Thorough clean terrazzo floor of her bedroom **(7marks)**

SECTION C (40 MARKS)

Answer two questions from this section in the space provided.

25.

a) Suggest four factors that can cause food prices to rise. **(4marks)**

b) Describe with the use of two diagrams the procedure of making a machine fell seam (**6marks)**

c) Briefly describe four principles of food preservation. **(4marks)**

d) Give two reasons for using each of the following ingredients in flour mixtures **(6marks).**

i) Eggs

ii) Sugar

iii) Salt

26.

a) Discuss five reasons for sufficient ventilation in a room **(5marks)**

b) State five ways of keeping pastry cool during preparation**.** **(5marks)**

c) Outline four functions of counterfeit section. **(3marks)**

d) Describe three qualities of a well-made in seam pocket **(6marks)**

27. (a) State **five** factors that affect individual nutrient requirement **(5mks)**

(b) State **five** factors to consider when packing meals. **(5mks)**

(c) State **six** ways of ensuring that a sleeve is well set. **(6mks)**

(d) Suggest four advantages of blending wool with nylon **(4mks)**

KCSE 2025 FINAL PREDICTION

(POSSIBLE KCSE EXAM 9)

HOME SCIENCE

441/2

PAPER 2

TIME: 2½ HOURS

SCHOOL…… SIGN……

Kenya Certificate of Secondary Education.

CONFIDENTIAL

Instructions to the Home Science teacher

- *Provide light weight plain coloured cotton fabric 56cm x 90cm.*
- *Sewing tools and equipment's.*

KCSE 2025 FINAL PREDICTION

(POSSIBLE KCSE EXAM 9)

HOME SCIENCE

441/2

PAPER 2

TIME: 2½ HOURS

NAME……

SCHOOL…… SIGN……

INDEX NO…… ADM NO……

Kenya Certificate of Secondary Education.

THE KENYA NATIONAL EXAMINATION COUNCIL
Kenya Certificate of Secondary Education
HOME SCIENCE
(CLOTHING CONSTRUCTION)
Paper 2
(PRACTICAL)

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. Hand stitches used instead of machine stitches will not be marked.

d) Hand stitches will only be allowed for the making of loop, worked buttonhole tacking stitches.

GIRL'S SKIRT

A pattern of a girl's skirt is provided. You are advised 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 56 cm long by 90 cm 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 followingprocesses:

a) Cutting out. **(18 marks)**

b) Making of the dart at the back skirt. **($6\frac{1}{2}$ marks)**

c) Joining of the yoke front to the lower skirt front using an overlaid seam. **Neatenhalf the seam using loop stitches. (12 marks)**

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. **(11 marks)**

e) Making of the skirt side seam from the yoke to the hemline using an open seam. (7 marks)

f) Attaching of the front and back waistbands and holding them in place using even tacking stitches. (20marks)

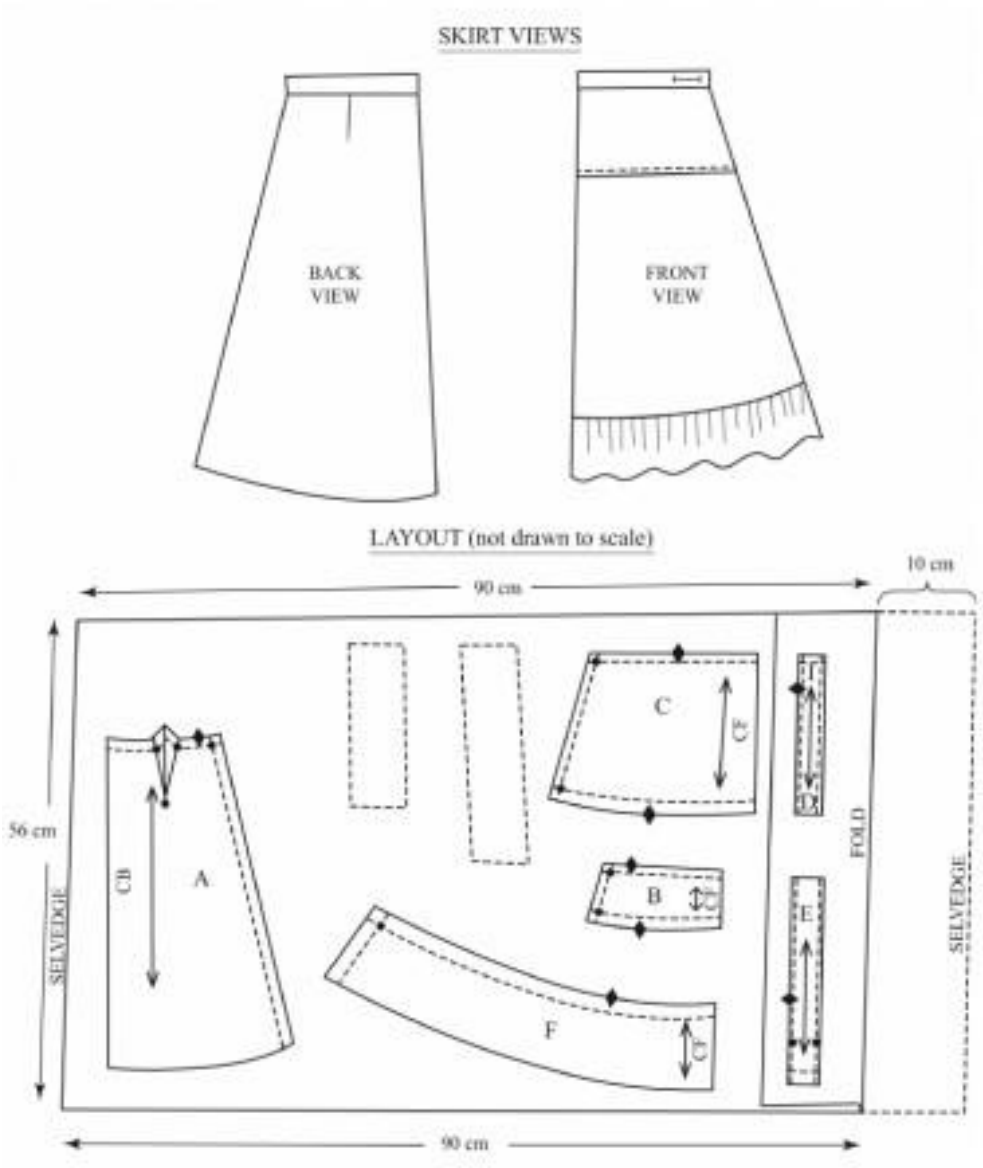
g) Making of the worked buttonhole. (12 marks)

h) OMIT The management of the skirt hem.

i) Overall presentation. ($6^1/_2$ marks)

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

KCSE 25


SKIRT VIEWS
BACK VIEW
FRONT VIEW
LAYOUT (not drawn to scale)
90 cm
10 cm
56 cm
SELVEDGE
CB
A
C
CF
B
F
FOLD
SELVEDGE
90 cm

KCSE 2025 FINAL PREDICTION

(POSSIBLE KCSE EXAM 10)

HOME SCIENCE

441/1

PAPER 1

TIME: 2½ HOURS

NAME……

SCHOOL…… **SIGN**……

INDEX NO…… **ADM NO**……

Kenya Certificate of Secondary Education.

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.*

FOR EXAMINER'S USE ONLY

Section	Question(s)	Maximum score	Candidate's score
A	1-18	40	
B	19	20	
C		20	
		20	
TOTAL SCORE		**100**	

SECTION A: (40MARKS)-COMPULSORY

1. Differentiate between a wear and a tear. **(2mks)**

2. Give two reasons why it is important to dry white clothes outdoor in the sun. **(2mks)**

3. State two general rules followed when repairing clothes. **(2mks)**

4. Suggest two reasons for becoming a vegetarian. **(2mks)**

5. Mention two careers that are open to a home science graduate. **(1mk)**

6. Highlight two reasons for wearing socks. **(2mks)**

7. a) Your sister has taken up a modelling career. She has been inducing vomiting after eating in order to slim. What disorder is she suffering from? **(1mk)**

b) Suggest one way of managing the disorder. **(1mk)**

8. Mention one function of bodkin. **(1mk)**

9. Give two reasons why hot water is used when rinsing glassware. **(2mks)**

10. Mentions two advantages of breastfeeding to the mother. **(2mks)**

11. Outline three characteristics of a good layette. **(3mks)**

12. State two effects of charcoal production on the environment. **(2mks)**

13. Suggest three reasons why electricity is the best type of artificial lighting. **(3mks)**

14. List four items to include when setting a tea tray for two. **(2mks)**

15. Identify four time and labour-saving equipment likely to be found in a fast-food restaurant. **(2mks)**

16. State three ways of meeting the emotional needs of the sick at home. **(3mks)**

17. Define the following terms as used in home science.

a) Ventilation. **(2mks)**

b) Flower arrangement. **(2mks)**

18. State three pieces of information found on labels on packed goods. **(3mks)**

SECTION B :(20 MARKS)-COMPULSORY

19. You have been left to take care of the home while your parents are away.

a) Outline how you would use charcoal as an abrasive in cleaning a stained aluminium sufuria. **(6mks)**

b) Clean a duster that has been used to clean a dusty surface. **(6mks)**

c) Launder your mother's silk dress. **(8mks)**

SECTION C: (40 MARKS)

Answer any TWO questions in this section in the spaces provided after question 22.

20. a) Explain the first aid procedure you would administer to your brother who has got a deep cut and bleeding is severe. **(6mks)**

b) Suggest ***four*** advantages of constructing traditional houses. **(4mks)**

c) Mention ***four*** ways in which a chef/ a cook can contaminate food. **(4mks)**

d) Outline the procedure of working shirring on the yoke of a baby's dress. **(6mks)**

21. a) Name ***four*** methods of steaming cassava. **(4mks)**

b) Your friend has chosen dry-cleaning as her main method of laundering her clothes. Give ***three*** reasons why you would discourage her from such a decision. **(3mks)**

c) State ***four*** disadvantages of open drains. **(4mks)**

d) With the aid of well-labeled diagrams, explain the procedure of working a French seam. **(9mks)**

22. a) List ***four*** individual needs of family members to observe when planning meals. **(4mks)**

b) Give ***three*** points on how you would take care of your younger sister's plastic doll. **(3mks)**

c) Discuss ***three*** ways a lactating mother should take care of herself. **(6mks)**

d) Outline the procedure of preparing a set-in sleeve ready for attachment. Use one labeled diagram to illustrate. **(7mks)**

KCSE 2025 FINAL PREDICTION

(POSSIBLE KCSE EXAM 10)

HOME SCIENCE

441/2

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)

CONFIDENTIAL INSTRUCTIONS

The following materials will be provided by the school.

1. A plain lightweight cotton fabric measuring 65cm long by 90cm wide.
2. Sewing thread to match the fabric.
3. One large envelope.
4. KCSE 2011 paper 2 pattern.

KCSE 2025 FINAL PREDICTION

(POSSIBLE KCSE EXAM 10)

HOME SCIENCE

441/2

PAPER 2

TIME: 2½ HOURS

NAME……

SCHOOL…… **SIGN**……

INDEX NO…… **ADM NO**……

Kenya Certificate of Secondary Education.

441/2

HOMESCIENCE

PAPER 2

CLOTHING CONSTRUCTION

TIME: 2 ½ HRS

INSTRUCTIONS TO CANDIDATES

1. The paper consist of three pages
2. Candidates should check the question paper to ascertain that all pages are printed as indicated and that no questions are missing.

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

Materials provided.

1. Pattern pieces

A. Dress Back
B. Dress Front
C. Front Yoke
D. Sleeve
E. Sleeve binding
F. Back Facing
G. Front Facing

2. Plain lightweight cotton fabric 65cm long by 90cm wide.
3. Sewing thread to match the fabric
4. One large envelope.

THE TEST.

Using the material provided, cut out and make the **RIGHT HALF** of a child's dress to show the following processes; -

a) Cutting out **(14 ½ marks)**

b) Attaching the front yoke to the dress front using an overlaid seam. Neaten **half** of the seam using overcasting stitches; **(8 ½ marks)**

c) Join of the shoulder seam using an open seam (**do not neaten**) **(4marks)**

d) Joining of the side seam using an open seam; **(8marks)**

e) Preparing of the sleeves;

i) Making an inverted pleat; **(7marks)**

ii) Joining the underarm seam using plain seam.(**do not neaten**) **(6 ½ marks)**

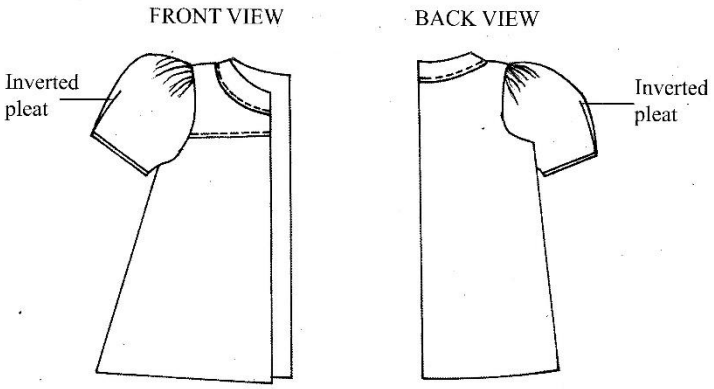
iii) Attaching the binding and holding it using slip hemming (slip hem **half** the binding); **(9 ½ marks)**

f) Attaching of sleeve onto the garment (**do not trim or neaten**); **(7marks)**

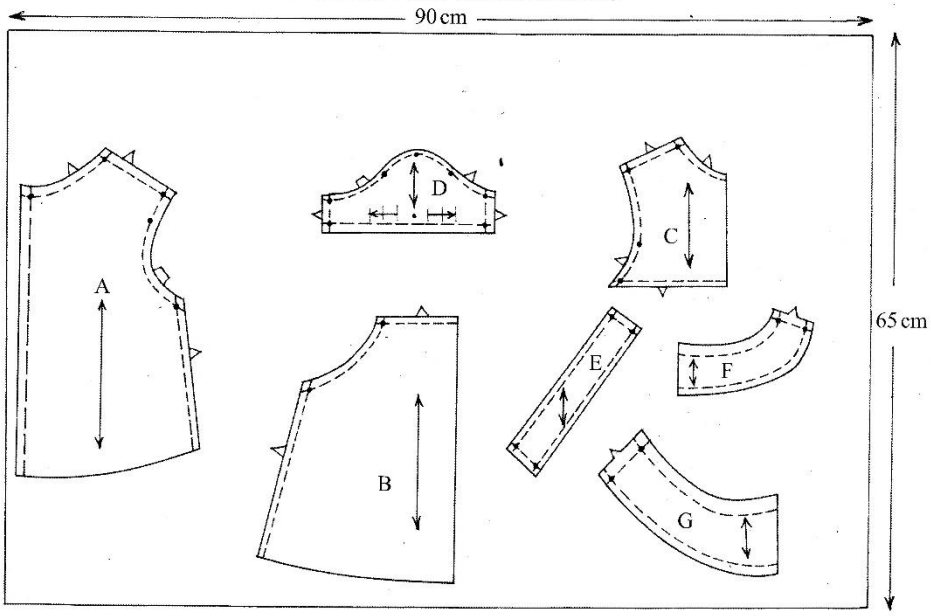
g) Attaching the facing on the neckline. **(18 ½ marks)**

h) Presentation **(6 ½ 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 needles, 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.



THE LAYOUT (NOT DRAWN TO SCALE)



THIS IS THE LAST PRINTED PAGE.

To Obtain Copies of Respective Marking Schemes / Answers

CALL/TEXT/WHATSAPP

0746-222-000

0742-999-000

kcsepredictions@gmail.com

DEAR KCSE 2025 CANDIDATES,

In case part/all of these questions reflect in Final

KCSE 2025 exam, calm down & be easy.

Exercise Extreme caution.

Don't panic!