KCSE 2024 FINAL PREDICTION

HOME SCIENCE

(PREDICTIONS TRIALS 1-10)

Final series of Possible Questions expected to be examined in the forthcoming Final Exams. This provides a framework and means of illumination to guide our candidates in preparation for the KCSE Examinations scheduled for November 2024

The following are Questions to expect in KCSE 2024.

CONFIDENTIAL!

For Marking Schemes

Mr Isaboke 0746 222 000 / 0742 999 000

ALL THE BEST IN KCSE!

KCSE 2024 FINAL PREDICTION

EXPECTED EXAM 1

441/1

HOME SCIENCE

PAPER 1(THEORY)

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 porridg**e** **(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 2024 FINAL PREDICTION

EXPECTED EXAM 1

441/2

HOME SCIENCE

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 2024 FINAL PREDICTION

EXPECTED EXAM 1

441/2

HOME SCIENCE

PAPER 2

TIME: 2½ HOURS

NAME……

SCHOOL…… SIGN……

INDEX NO…… ADM NO……

(Kenya Certificate of Secondary Education)

HOME SCIENCE

(CLOTHING CONSTRUCTION)

Paper 2

(PRACTICAL)

2 ½ hours

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 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.

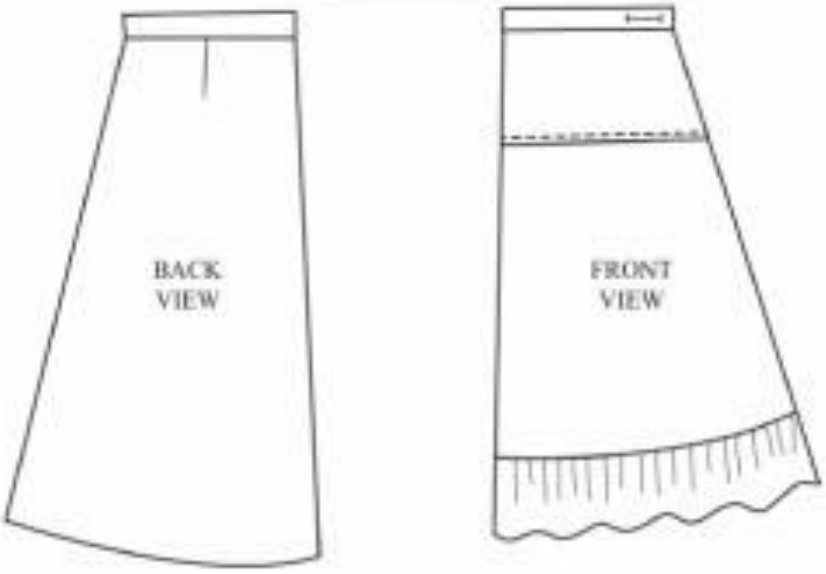
THE TEST

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

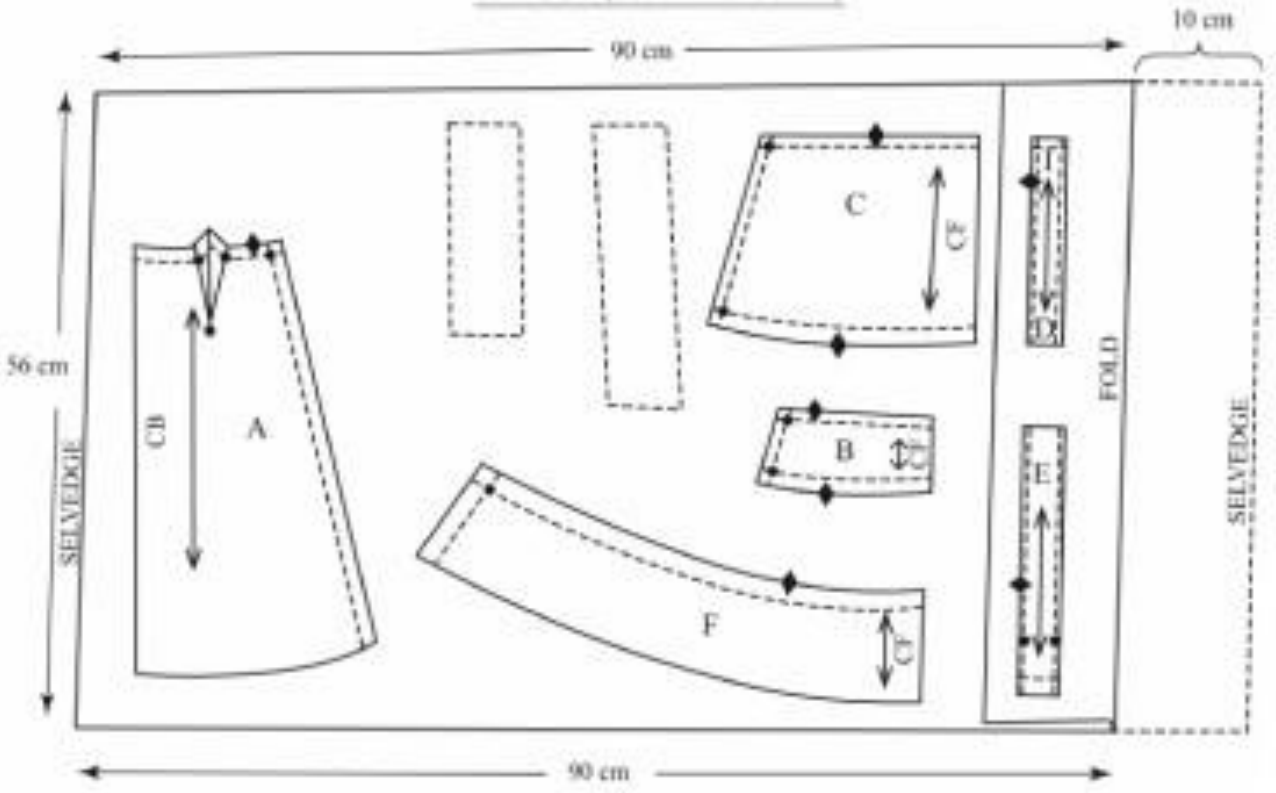
a) Cutting out. **(18 marks)**
b) Making of the dart at the back skirt. **($6\frac{1}{2}$ marks)**
c) Joining of the yoke front to the lower skirt front using an overlaid seam. **Neaten half the seam using loop stitches.** (**12 marks)**
d) Attaching of the frill to the lower skirt front using a plain 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. (2**0marks)**
g) Making of the worked buttonhole. **(12 marks)**
h) OMIT The management of the skirt hem.
i) Overall presentation. **($6\frac{1}{2}$ 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 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)



KCSE 2024 FINAL PREDICTION

EXPECTED EXAM 2

HOME SCIENCE

441/1

PAPER 1 (THEORY)

TIME: 2½ HOURS

NAME……

SCHOOL…… **SIGN**……

INDEX NO…… **ADM NO**……

Kenya Certificate of Secondary Education.

INSTRUCTIONS TO STUDENTS

- *Write your name and index number in the spaces above.*
- *This paper consists of three sections **A**, **B** and **C**.*
- *Answer all the questions in section **A**, Question 25 **(Compulsory)** in section **B** and any two questions from section **C**.*
- *Answers to **ALL** questions must be written in this booklet.*
- *Candidates should check to ensure that all pages are printed as indicated and no questions are missing.*

For Examiner's use only.

Section	Questions	Maximum score	Candidates score
A	1 -40	40	
B	41	20	
C	42-44		
TOTAL SCORE		**100**	

SECTION A (40 MARKS)

Answer all questions

1. Give **two** ways of meeting the emotional needs of a patient recuperating at home. **(1mark)**
2. State **two** disadvantages of using hot water on plain wooden equipment. **(1mark)**
3. State **two** disadvantages of staying in a traditional house with the current rains**.** **(1mark)**
4. What is **snipping**? **(1mark)**
5. State **two** disadvantages of commercial paper patterns. **(1mark)**
6. Mention **two** advantages of sponging. **(1mark)**
7. State **two** methods of graining fabric. **(1mark)**
8. Explain how **fans** work in ventilating a room. **(1mark)**
9. Highlight **two** precautions to take when using pressure lamps. **(1mark)**
10. Give **two** uses of sugar in flour mixtures. **(1mark)**
11. State **two** importance of pressing at every stage of dress making. **(1mark)**
12. Identify **two** tasks carried out only during special cleaning of a bedroom. **(1mark)**
13. Give **two** points to consider when drawing up a diet for vegetarians. **(1mark)**
14. Give **two** ways of making meat tender before cooking. **(1mark)**
15. State **two** ways of saving money in a family. **(1mark)**
16. Mention any **two** methods of fabric construction. **(1mark)**
17. Briefly explain what you understand by the term **consumer education**. **(1mark)**
18. State **two** limitations of living in an employer's house. **(1mark)**
19. Give **two** important points to consider when daily cleaning a pit latrine. **(1mark)**
20. Identify **two** ways of caring for a food processor. **(1mark)**
21. Note down **two** reasons for unsuccessful frying. **(1mark)**
22. State **two** reasons for stitches looping when machine stitching. **(1mark)**
23. List down **two** characteristics of good stitches. **(1mark)**
24. Mention **two** reasons why vitreous enamel finish is used on cookers. **(1mark)**
25. Explain the effect of **soap** in water during laundry. **(1mark)**
26. Give **two** undesirable outcomes of not rinsing garment properly. **(1mark)**
27. State **two** precautions to observe when using a charcoal iron. **(1mark)**
28. Identify any **two** rules for patching. **(1mark)**
29. Identify **two** categories of bleaches giving an example for each. (**1mark)**
30. State **two** points to look for when choosing a wardrobe. **(1mark)**

31. State **one** difference between marasmus and kwashiorkor. **(1mark)**

32. Differentiate between **A La Carte menu** and **Table d'ote** menu. **(1mark)**

33. List **two** factors that can cause premature birth. **(1mark)**

34. Give **two** ways one can lose weight. **(1mark)**

35. State **two** functions of the weights and measures department. **(1mark)**

36. State **two** ways one can ensure left-over food retains its freshness. **(1mark)**

37. Give **two** ways fruits can be made available as convenience foods. **(1mark)**

38. State how **salt** works in food preservation. **(1mark)**

39. State **two** points to consider when making a flower arrangement for a dining table. **(1mark)**

40. State **two** factors that influence food scarcity at household level other than poverty **(1mark)**

SECTION B - COMPULSORY (20 MARKS)

41. Your mother is away and has asked you to carry out the following tasks:-

a) Starch and finish a previously washed white embroidered linen table cloth using the boiling water starch **(8 marks)**

b) Special clean an oil painted wall **(7 marks)**

c) Clean an aluminium sufuria that was used to cook ugali **(5 marks)**

SECTION C: (40 MARKS)

Answer any TWO questions in this section.

42. a) State four factors that influence the cleaning frequency of a house. **(4marks)**

b) List down four qualities of good lighting **(4marks)**

c) Name any four types of openings in garment construction **(4marks)**

d) Discuss four problems associated with breast feeding **(8marks)**

43. a) Pastry is usually kept as cool as possible during preparation so that on cooking gases expand as much as possible .explain 4 ways of ensuring this. **(4marks)**

b) State five ways of making a face slit opening to be decorative. **(5marks)**

c) State five reasons for using soft furnishing in the home. (**5marks)**

d) List down the two forms of advertisement giving examples in each. **(2marks)**

e) Give four reasons that make polythene bags suitable for storing food in a refrigerator. **(4marks)**

44. **a**) suggest six ways of conserving charcoal when cooking **(6marks)**

b) Identify four advantages of hospital confinement. **(4marks)**

c) Explain briefly on five general points to consider when buying kitchen equipment. **(10marks)**

KCSE 2024 FINAL PREDICTION

EXPECTED EXAM 2

HOME SCIENCE

441/2

PAPER 2(Clothing Construction)

TIME: 2½ HOURS

NAME……

SCHOOL…… SIGN……

INDEX NO…… ADM NO……

Kenya Certificate of Secondary Education.

Instructions to Candidates:

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

A pattern of a blouse is provided. You are adviced to study the sketches the question and the layout carefully before you begin the test.

MATERIALS PROVIDED

1. A - Front bodice
   B - Back bodice
   C - Back yoke
   D - Collar
   E - Back neck facing
2. Plain light weight cotton fabric 50cm long by 91 cm wide.
3. Sewing thread to match the fabric.

THE TEST.

Using the material provided, cut out and make the **right half** of the blouse to show the following:

a) Making of the bust dart.

b) Making of the inverted pleat at the back bodice.

c) Attachment of the back yoke to the back bodice using an overlaid seam. Neatening half with loop stitches.

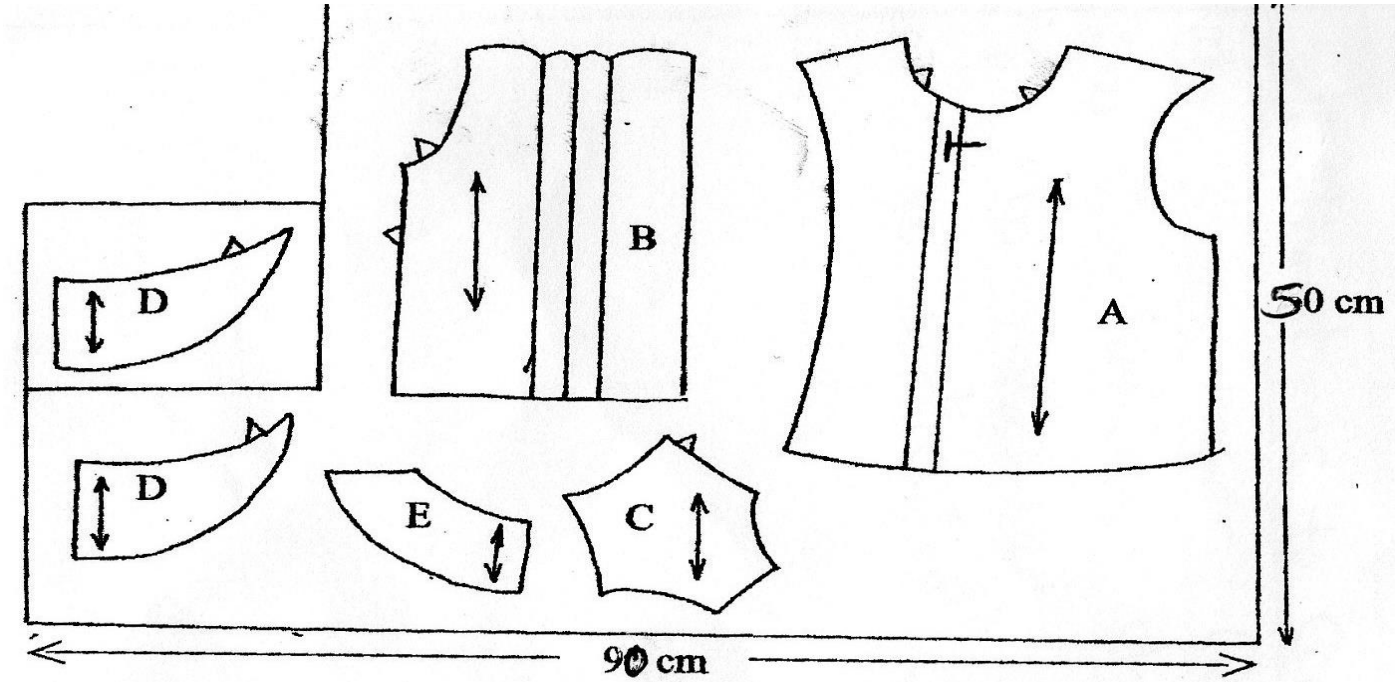
d) Making of machine fell seam at the shoulder.

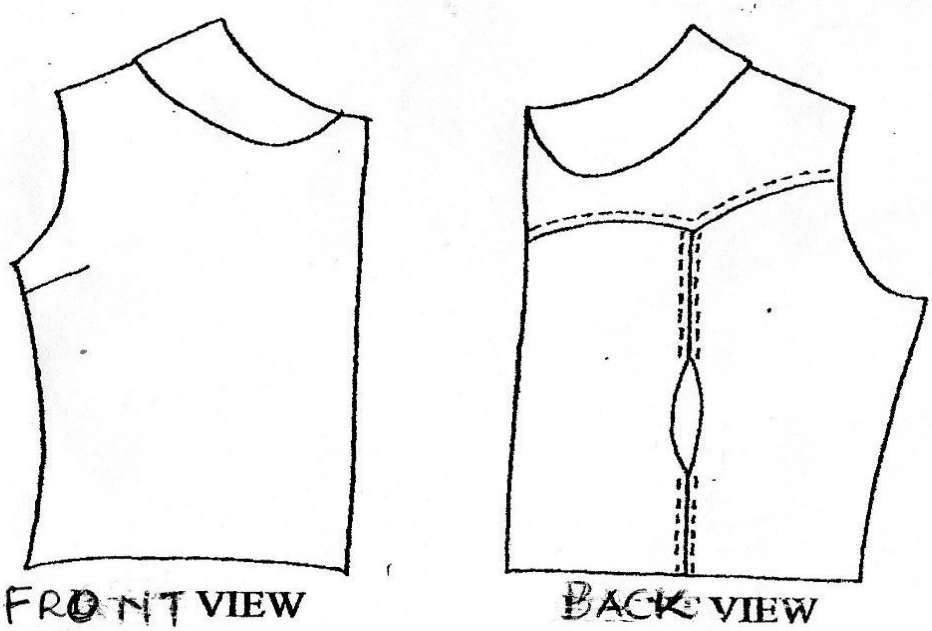
e) Making a French seam on the side of the bodice.

f) Joining the back and front neck facings at the shoulders.

g) Preparation of an interfaced collar and attaching it to the bodice.

h) Working of the buttonhole.


D
B
A
50 cm
D
E
C
90 cm


FRONT VIEW
BACK VIEW

KCSE 2024 FINAL PREDICTION

EXPECTED EXAM 3

441/1

HOME SCIENCE

PAPER 1

TIME: 2½ HOURS

NAME……

SCHOOL…… **SIGN**……

INDEX NO…… **ADM NO**……

(Kenya Certificate of Secondary Education)

INSTRUCTIONS TO CANDIDATES

- This paper contains 3 sections: **A**, **B** and **C**
- Answer all questions in section **A** and **B** and any two questions from section **C**

FOR EXAMINER'S USE ONLY

SECTIONS	QUESTION	MAX. SCORE	ACTUAL SCORE
A	1 – 20	40 MARKS	
B	21	20 MARKS	
C	23 – 24	40 MARKS	
TOTAL			

SECTION A (40 MARKS) (Answer ALL questions)

1. Name ***four*** types of scissors. **(2mks)**

2. Give ***four*** vaccines administered to a child through injection. **(2mks)**

3. Give ***two*** roles of the shank in garment construction. **(2mks)**

4. Outline ***four*** methods of seam finishes. **(2mks)**

5. Give ***two*** reasons why food is fortified. **(1mk)**

6. Give ***four*** functions of Thiamine in the body. **(2mks)**

7. Give ***two*** reasons why nylon is commonly used for making brushes. **(2mks)**

8. Mention ***two*** uses of asbestos as a fibre. **(2mks)**

9. Mention ***three*** results of burning test carried out on polyester. **(3mks)**

10. Differentiate between a cess pool and a soak pit. **(2mks)**

11. Mention ***two*** functions of a fish slice in cookery. **(1mk)**

12. State ***three*** characteristics of a well made dart. **(3mks)**

13. Give ***two*** examples of builders added to detergents during manufacture. **(1mk)**

14. Give ***two*** reasons for using each of the following laundry agents. **(2mks)**

i) Bleach

ii) Starch

15. Name any ***six*** types of sleeves. **(3mks)**

16. Give ***two*** rules for patching. **(2mks)**

17. Mention ***four*** ways a consumer can overcome inflation as a problem. **(2mks)**

18. Mention ***two*** points to observe when taking body measurements. **(2mks)**

19. Give ***two*** limitations of dry cleaning **(1mk)**

20. Differentiate between monochromatic and analogous colour schemes. **(2mks)**

SECTION B (COMPULSORY) (20 MARKS)

21. You are involved in doing some household chores over the weekend. Give the procedure you would use to:-

a) Thorough clean a refrigerator **(7mks)**

b) Launder a nylon night dress. **(7mks)**

c) Clean a plastic greasy plate. **(5mks)**

Answer any two questions in Section C

22. (a) State and explain ***four*** advantages of using left over foods. **(8mks)**

(b) State ***five*** factors to consider when working button holes. **(4mks)**

(c) Explain ***four*** reasons that have led to the spread of diseases associated with lifestyle. **(8mks)**

23. (a) Explain the following common problems in pregnancy **(8mks)**

(i) Varicose veins
(ii) Oedema
(iii) Constipation
(iv) Backache

(b) Describe the working of gathers by hands (include diagrams) **(8mks)**

(c) State ***four*** principles of food preservation. **(4mks)**

24. (a) Discuss ***four*** reasons why a mother may be forced to stop breast-feeding. **(8mks)**

(b) Mention ***four*** factors to consider when choosing a washing machine. **(4mks)**

(c) Describe the preparation of a shirt collar **(8mks)**

THIS IS THE LAST PRINTED PAGE

KCSE 2024 FINAL PREDICTION

EXPECTED EXAM 3

441/2

HOME SCIENCE

PAPER 2

TIME: 2½ HOURS

SCHOOL…… SIGN……

(Kenya Certificate of Secondary Education)

HOMESCIENCE (CLOTHING CONSTRUCTION)

CONFIDENTIAL INSTRUCTIONS

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

KCSE 2024 FINAL PREDICTION

EXPECTED EXAM 3

441/2

HOME SCIENCE

PAPER 2

TIME: 2½ HOURS

NAME……

SCHOOL…… **SIGN**……

INDEX NO…… **ADM NO**……

(Kenya Certificate of Secondary Education)

HOMESCIENCE (CLOTHING CONSTRUCTION)

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 2024 FINAL PREDICTION

EXPECTED EXAM 4

441/1 Home Science Paper 1

Time: 2½ Hours

(THEORY)

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	*1-40*	*40*	
B	*41*	*20*	
C	*42-44*	*40*	

SECTION A (40 MARKS)

(Answer all the questions in the spaces provided.)

1. Mention **two** reasons for preserving **food** **(1mark)**
2. List **two** suitable materials used for freezing food **(1mk)**
3. Highlight **two** importance of blanching vegetables before freezing. **(1mk)**
4. Give two points on what food presentation involves. **(1mk)**
5. Define the term a meal **(1mk)**
6. Retarded growth is a sign of **two** common nutritional disorders, name them. **(1mk)**
7. List **two** functions of vitamins D in the body. **(1mk)**
8. Name **two** methods of frying foods. **(1mk)**
9. List down **two** causes of food poisoning. **(1mk)**
10. Mention **two** methods of softening temporary hard water for laundry. **(1mk)**
11. Name **two** vegetable fibres used to make brooms and brushes. **(1mk)**
12. Mention **two** examples of grease absorbents. **(1mk)**
13. Name **two** methods of making soap. **(1mk)**
14. Mention **two** types of patching done when reinforcing worn out garments. **(1mk)**
15. Define the term Care label. **(1mk)**
16. List **two** solutions used to remove laundry blue stains. **(1mk)**
17. State **two** improvised storage facilities used to store clothes. **(1mk)**
18. List **two** examples of washing equipment. **(1mk)**
19. State **two** importance of safe parenthood. **(1mk)**
20. Highlight **two** benefits of breastfeeding to the mother. **(1mk)**
21. State **two** factors that may lead to artificial feeding. **(1mk)**
22. What is the name of the first milk given to a baby immediately after birth? **(1mk)**
23. Mention **two** suitable supplementary food for an **infant** **(1mk)**
24. List two types of play in child development. **(1mk)**
25. Name **two** basic instructions on using **medicine** **(1mk)**
26. Outline **two** rights of a consumer. **(1mk)**
27. Give the main effects of inflation to country. **(1mk)**
28. Name **two** methods of buying goods and services. **(1mk)**
29. List **two** examples of electronic media. **(1mk)**
30. What is the function of weight and measures department**.** **(1mk)**
31. Outline two factors that affect the budget. **(1mk)**

32. Discuss family set up as a factor that influence consumer buying. **(1mk)**
33. Identify **two** characteristics of silk during burning test**.** **(1mk)**
34. Name two seams that are self-neatened **(1mk)**
35. Name **two** types of cuffs used to finish sleeve. **(1 mk)**
36. Differentiate between facings and interfacings. **(1mk)**
37. Outline **two** methods of finishing necklines. **(1mk)**
38. Highlight **two** body measurements taken around the body. **(1mk)**
39. Name two types of pleats**.** **(1mk)**
40. Management of fullness in a garment ensures a good fit and shape, name other two reasons for such. **(1mk)**

SECTION B (20 MARKS)(ANSWER ALL THE QUESTIONS)

41. You are at home over the weekend discuss how to ;
a) Launder a dark coloured jumper by spotting **(7mks)**
b) Clean a fast coloured canvas bag **(7mks)**
c) Clean a polished side table in the dining table **(6mks)**

SECTION C (40 MARKS) (*ANSWER ANY TWO QUESTION IN THIS SECTION)*

42.
a) Outline **four** causes of a heavy texture in rubbed in cake mixture. **(4mks)**
b) State **four** rules to observe in stain removal. **(4mks)**
c) Explain how to take care of a lactating mother. **(4mks)**
d) State **four** functions of the Kenya consumer association**.** **(4mks)**
e) Describe how to prepare and attach a square patch pocket of a shirt. **(4mks)**

43.
a) Explain briefly **four** reasons for cooking food. **(4mks)**
b) Chemical disinfectants are use to kill germs on fabrics, state **four** points to observe when using them**.** **(4mks)**
c) Suggest **four** ways of making simple play items used for playing by children. **(4mks)**
d) Discuss the following forms of credit buying **(4mks)**
i. Hire purchase
ii. Simple non instalment credit
e) Describe the method of working a plain seam **(4mks)**

44.
a) State **four** disadvantages of using left over foods. **(4mks)**
b) Highlight **four** reasons for sufficient ventilation in a room **(4mks)**
c) state **four** reasons for specialized care in Childs health card **(4mks)**
d) List **four** sources of information to the consumer **(4mks)**
e) Outline **four** points to observe when taking body measurements **(4mks)**

KCSE 2024 FINAL PREDICTION

EXPECTED EXAM 4

441/2 Home Science Paper 2

Time: 2½ Hours

SCHOOL…… SIGN……

Kenya Certificate of Secondary Education.

441/2

HOME SCIENCE

CLOTHING CONSTRUCTION

PAPER 2

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 2024 FINAL PREDICTION

EXPECTED EXAM 4

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

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

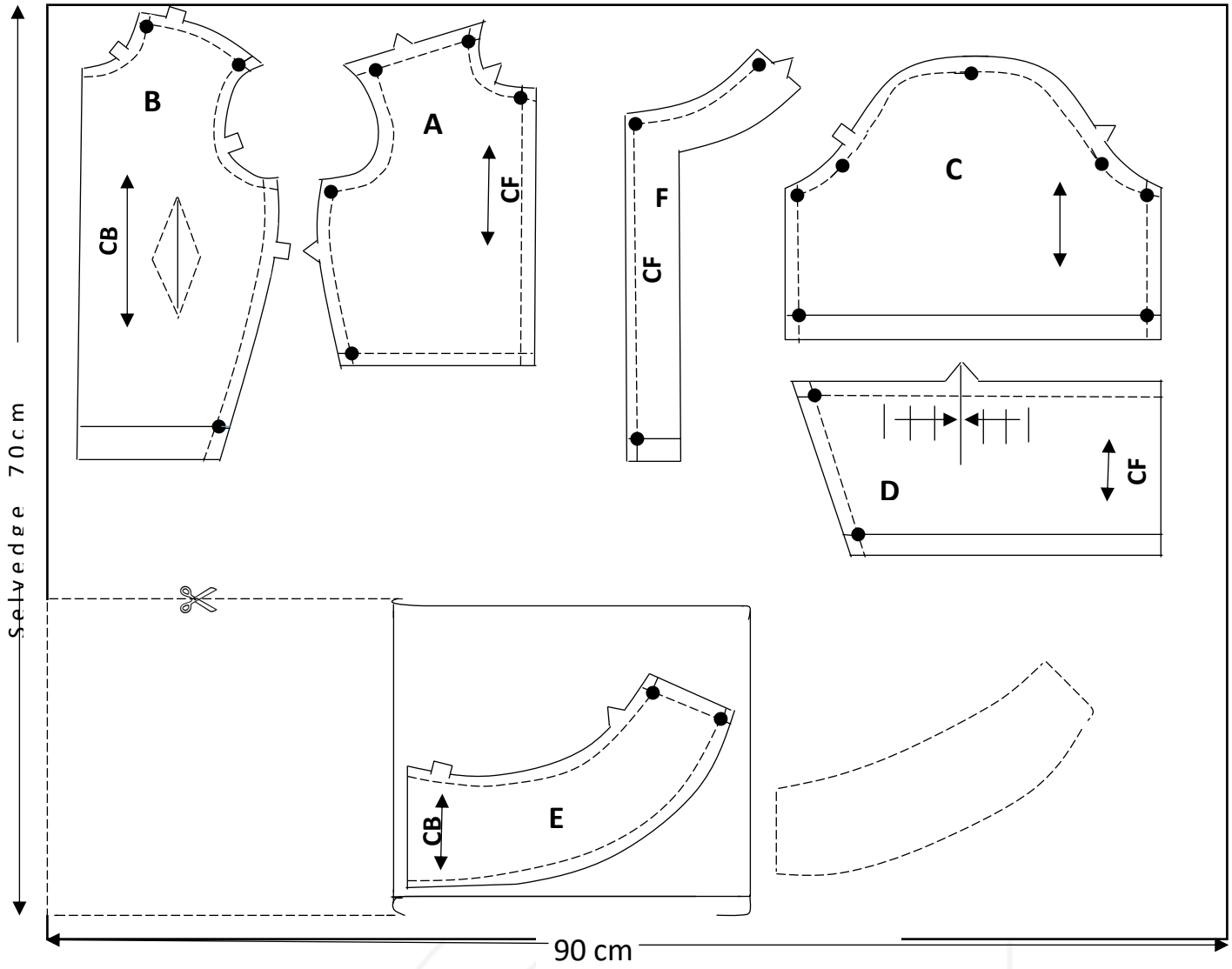
Using the materials provided, cut out and make up the **LEFT HALF** of the blouse to show the following.

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$^1/_2$mks)**
9. Usethe joined facing to neaten the front opening and attach the collar by sandwiching method. **(7$^1/_2$mks)**
10. Working of the sleeve to include.
    a) Management of fullness at the crown. **(2$^1/_2$m**
b) Making of the underarm seam using French seam. **(7$^1/_2$mks)**
    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$^1/_2$mks)**
11. Presentation. **(5$^1/_2$mks)**

NOTE:

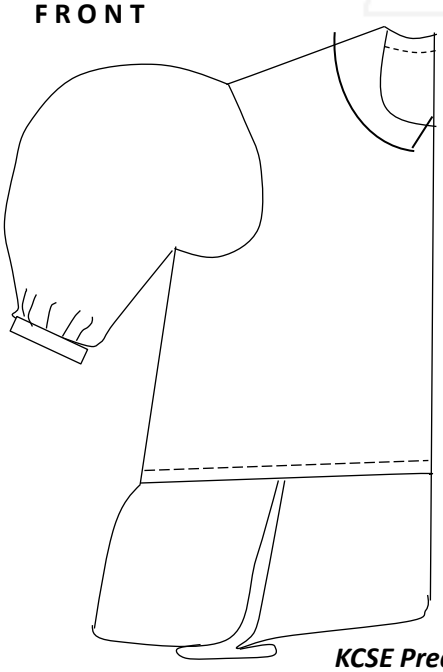
At the end of the test, firmly sew on to your work on a single fabric a label bearing your name and admission number. Remove needles and pins from work. Then fold your work carefully and place it in the envelope. **DO NOT PUT SCRAPS OF MATERIALS IN THE ENVELOPE AND DO NOT SEAL THE ENVELOPE.**

LAYOUT – NOT DRAWN TO SCALE

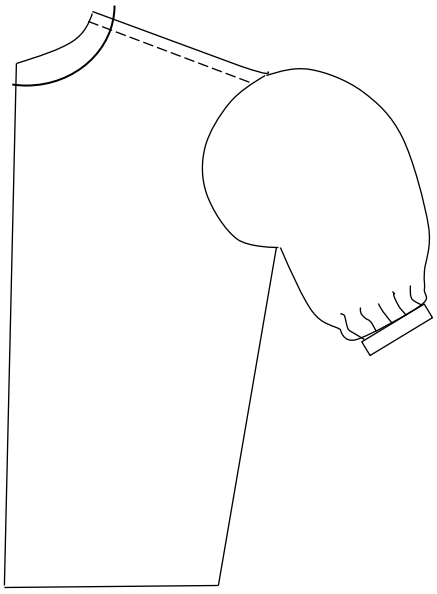


VIEWS

FRONT



BACK



KCSE 2024 FINAL PREDICTION

EXPECTED EXAM 5

441/1 **Home Science** Paper 1

Time: 2½ Hours

(THEORY)

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.*

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)**

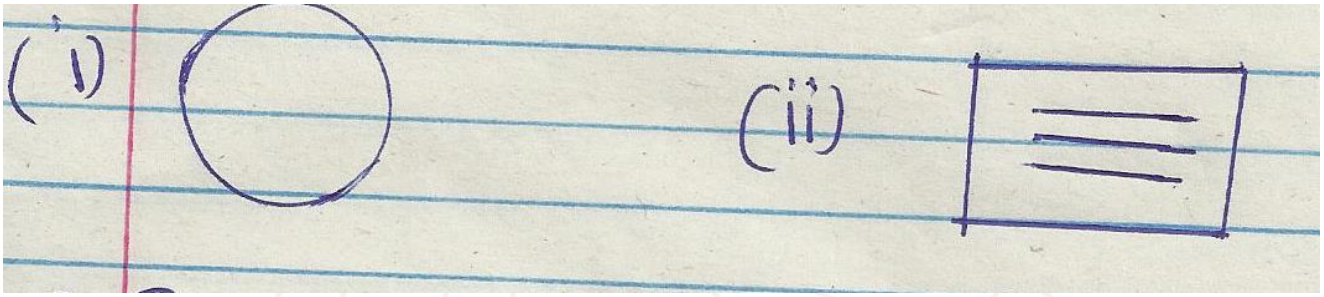
c) Cleaning a melamine cup. **(6 marks)**

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)**

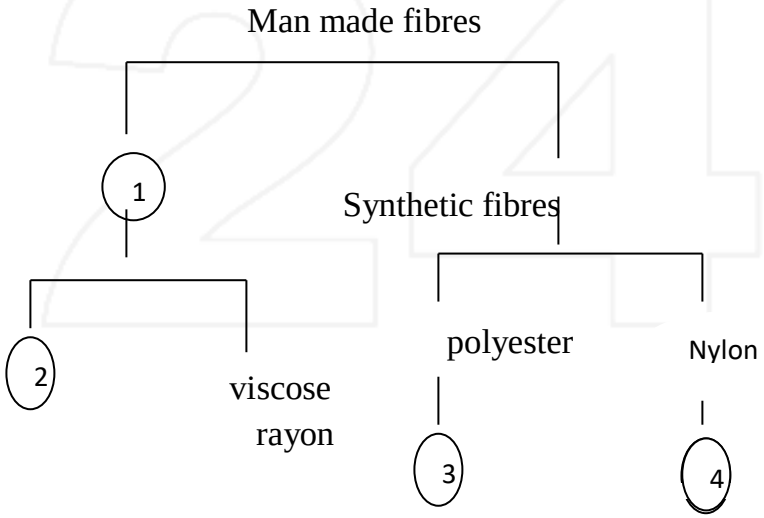
23. a) Explain five considerations to make when furnishing a sitting room. **(5 marks)**

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 2024 FINAL PREDICTION

EXPECTED EXAM 5

441/2 Home Science Paper 2

Time: 2½ Hours

SCHOOL…… **SIGN**……

Kenya Certificate of Secondary Education.

HOME SCIENCE PAPER 2 (441/2)

CONFIDENTIAL

Schools should provide the following materials;

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

2. Sewing thread to match the fabric.

KCSE 2024 FINAL PREDICTION

EXPECTED EXAM 5

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 AND CONSTRUCTION)

Paper 2

(PRACTICAL)

2 ½ hours

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**)

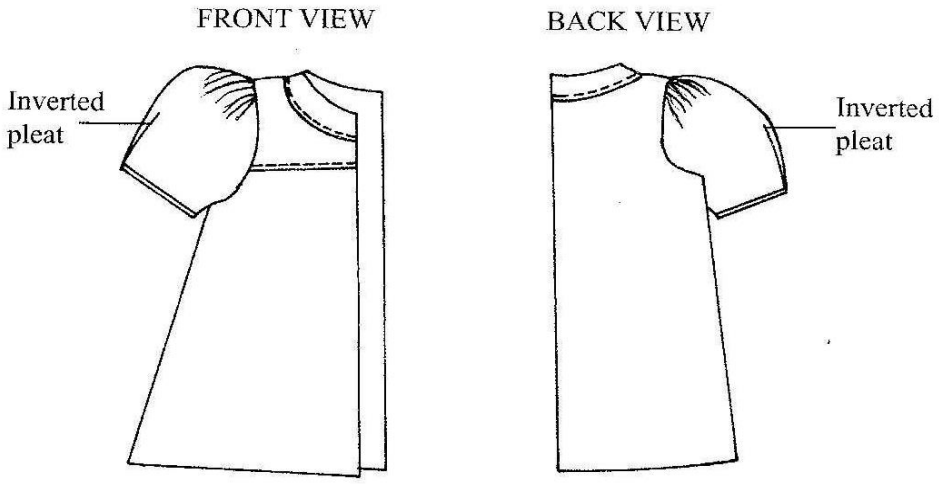
(iii) Attaching the binding and holding it using slip hemming (slip hem **half** the binding)

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

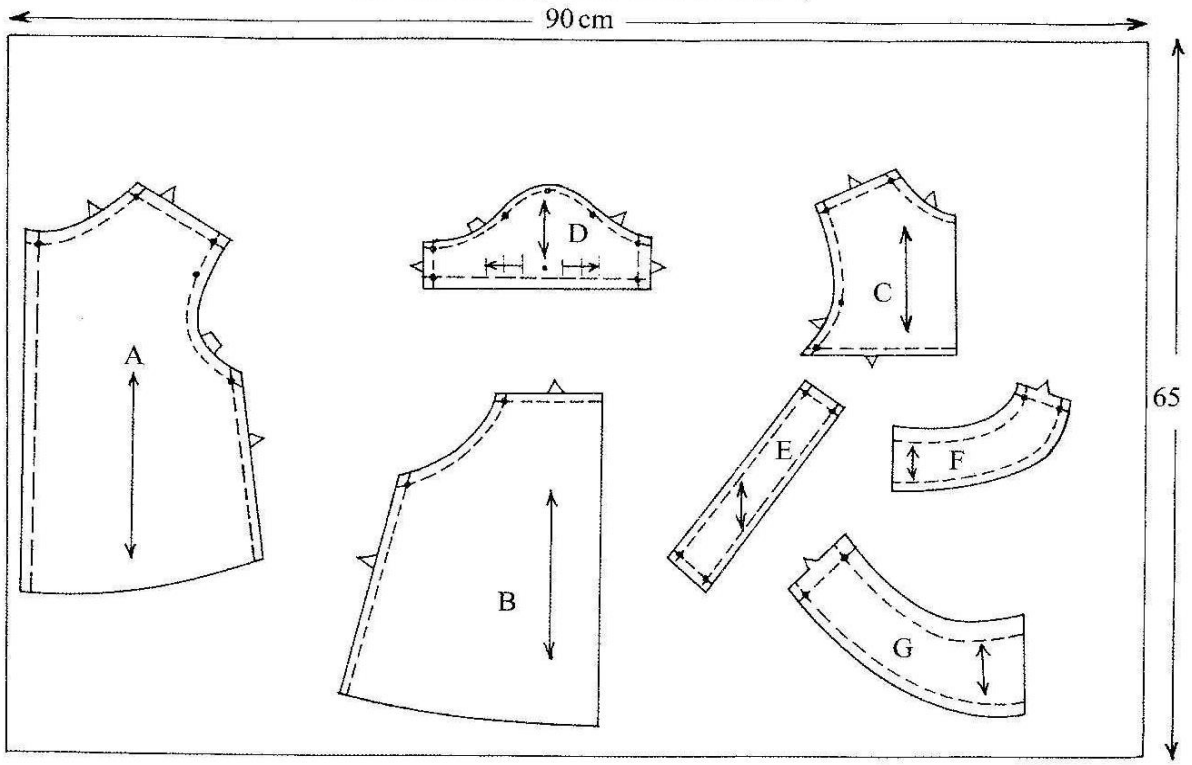
(f) Attaching the facing on the neckline. **(14mks)**

(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 2024 FINAL PREDICTION

EXPECTED EXAM 6

441/1

HOME SCIENCE

PAPER 1 (THEORY)

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 of the examination in the spaces provided above.
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). Candidates should answer the questions in English

For examiner's use only

Section	Question	Maximum score	Candidates score.
A	1 – 19	40	
B	20	20	
C	21– 23	20	
		20	
TOTAL SCORE		**100**	

SECTION A (40 MARKS)

Answer all the questions in this section in the spaces provided

1. Write down the meaning of the following terms used in weaning ; **(2mks)**

a) Basic mix

b) Multi mix

2. Distinguish between a cesspool and a soak pit **(2mks)**

3. Frozen foods should be thawed completely before cooking, why? **(1mks)**

4. Give FOUR examples of builders added to soaps and soapless detergents during manufacture **(2mks)**

5. State THREE principles you would observe when removing stains from a table cloth. **(3mks)**

6. Give THREE Methods of transferring pattern Markings on a fabric **(3mks)**

7. Identify 3 topics studied in the area of Home Management **(3mks)**

8. Give four qualities of a good laundry soap**.** **(2mks)**

9. State TWO ways of ensuring that a bedridden patient does not suffer from bed sores **(2mks)**

10. Suggest two reasons why button shanks are important in a garment **(2mks)**

11. Name TWO agencies that deal with consumer protection in Kenya **(1mks)**

12. List 4 Stitches used to finish hems **(2mks)**

13. Give FOUR advantages of blanching vegetables **(2mks)**

14. State TWO points to consider when choosing pegs **(2mks)**

15. Identify 3 ways of finishing sleeves other than using cuffs **(3mks)**

16. Describe sponging in relation to treatment of clothes in laundry work **(2mks)**

17. Give the importance of the following processes in clothing construction; **(2mks)**

a) Layering

b) Tacking

18. Describe giving an example, the meaning of a monochromatic colour scheme **(2mks)**

19. Give two reasons for using machine fell seam on children's garments **(2mks)**

SECTION B (20 MARKS) - COMPULSORY

20. Your mother has asked you to help with a few cleaning jobs in the house.

a) Launder a loose multiple coloured towel **(8mks)**

b) Outline the procedure you would use to clean a neglected plastic kitchen bin **(7mks)**

c) Clean a stainless steel sink **(5mks)**

SECTION C (40 MARKS)

Answer any two questions from this section in the spaces provided

21. **a)** Explain four factors that may affect normal foetal development **(8mks)**

b) State FIVE reasons why it would not be advisable to buy a washing machine on hire purchase **(5mks)**

c) State FOUR qualities of a good disinfectant **(4mks)**

d) Give THREE ways of meeting the emotional needs of a patient recuperating at home **(3mks)**

22. **a)** State FIVE disadvantages of Rechauffe dishes **(5mks)**

b) Explain how the following factors contribute to successful meal planning; **(6mks)**

i) Nutritional balance

ii) Texture

iii) Individual requirement

c) Give FOUR reasons for including fruit salad in a meal **(4mks)**

d) State FIVE qualities of a well-made cuff **(5mks)**

23. **a)** Outline on how to make a double stitched /machine fell seam**.** **(6mks)**

b) Describe THREE ways in which a facing can be used to create a decorative effect. **(6mks)**

c) Explain FOUR reasons for using care labelling codes on garments **(4mks)**

d) Differentiate between; **(4mks)**

i) Regenerated and synthetic fibres

ii) Wear and tear

KCSE 2024 FINAL PREDICTION

EXPECTED EXAM 6

441/2

HOME SCIENCE

PAPER 2*(CLOTHING CONSTRUCTION)*

TIME: 2½ HOURS

SCHOOL…… SIGN……

(Kenya Certificate of Secondary Education)

441/2

CLOTHING & TEXTILES

Paper 2

Time: 2½ Hours

CONFIDENTIAL

1. *Light weight cotton fabric 70cm by 65cm.*
2. *Cotton sewing thread to match the colour of fabric.*
3. *Elastic cord 18cm long by ½ cm wide.*
4. *A4 envelope.*

KCSE 2024 FINAL PREDICTION

EXPECTED EXAM 6

441/2

HOME SCIENCE

PAPER 2 ***(CLOTHING CONSTRUCTION)***

TIME: 2½ HOURS

NAME……

SCHOOL…… **SIGN**……

INDEX NO…… **ADM NO**……

(Kenya Certificate of Secondary Education)

HOMESCIENCE

(CLOTHING CONSTRUCTION & TEXTILES)

441/2

Paper 2

(PRACTICAL)

INSTRUCTIONS TO CANDIDATES

1. This paper consist of 3 printed 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 blouse has been provided. You are adviced to study the questions, the patterns Q the layout before you begin the test.

Materials provided;

1. Pattern pieces.

A - Front bodice

B - Back bodice

C - Front yoke.

D - Sleeve

E - Collar

F - Grossway strip

2. Light weight cotton fabric of 70 by 65 cm.

3. Cotton sewing thread to match the fabric.

4. Elastic cord 18cm long ½ cm wide.

5. Envelop A4.

THE TEST

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

1. Cutting out. **(15½ marks)**

2. Working of the inverted pleat on the front bodice. **(3 marks)**

3. Joining the front bodice to the yoke using an overlaid seam. **(10 marks)**

4. Joining the front bodice to the back bodice at the shoulder using an open seam. **(6½ marks)**

5. Working the side seam using double stitched seam. **(7½ marks)**

6. Preparation and attachment of uninterfaced collar using a crossway strip. **(16 marks)**

7. Working of the sleeve to include;

   (a) Control of fullness at the crown. **(2 marks)**

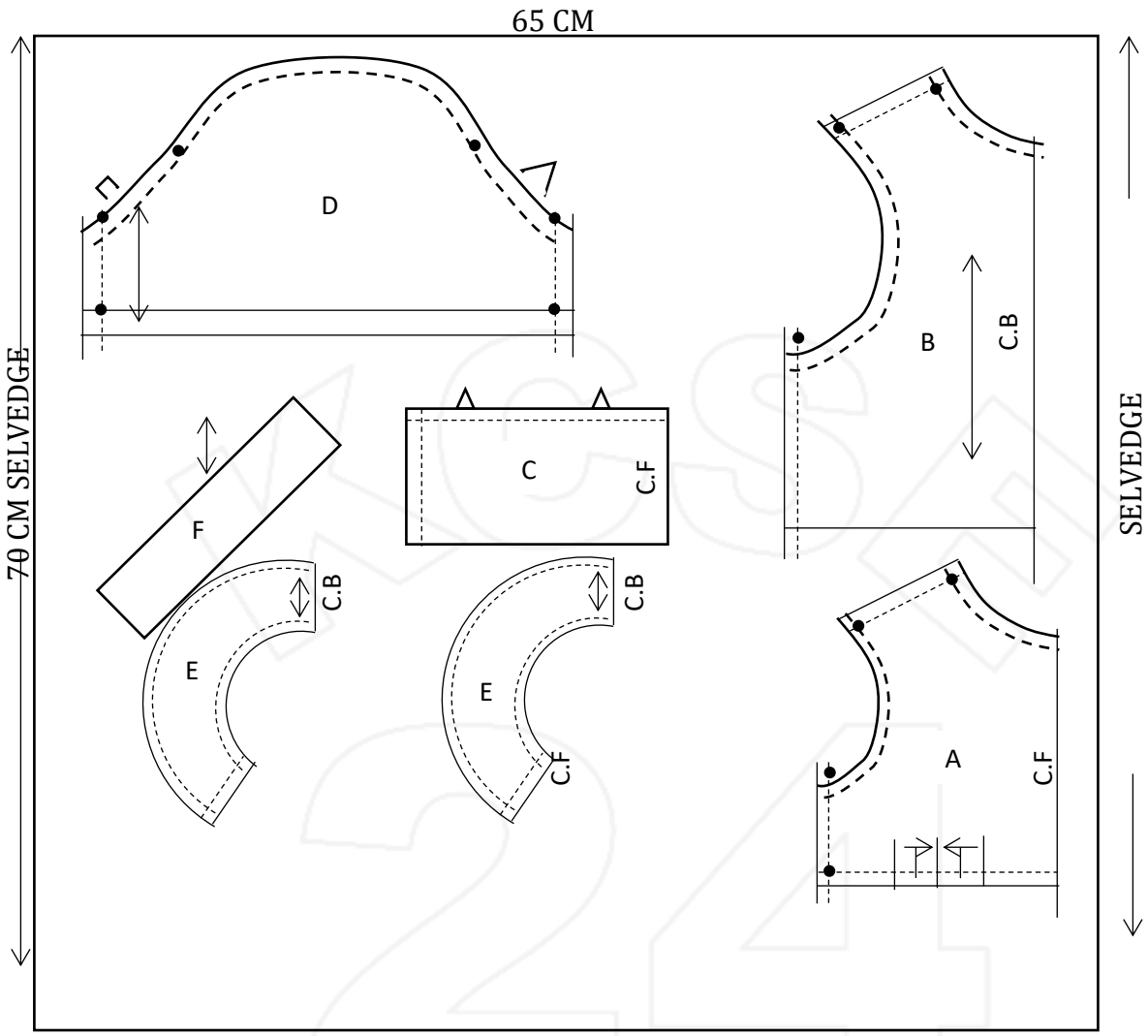
   (b) Joining of the underarm seam using a French seam. **(6½ marks)**

   (c) Attachment of the sleeve. **(4 marks)**

(d) Working of elastic casing at the lower edge of the sleeve and inserting the elastic cord. Don't seal the opening used to insert the cord. **(10 marks)**

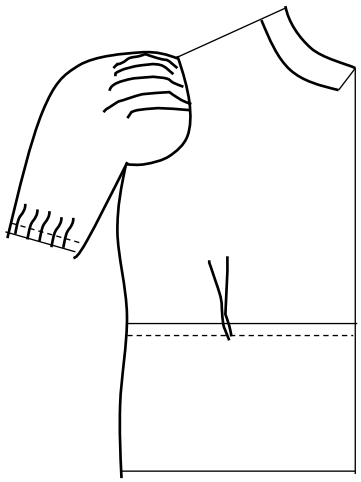
8. Presentation. **(6 marks)**

LAYOUT (NOT DRAWN TO SCALE)

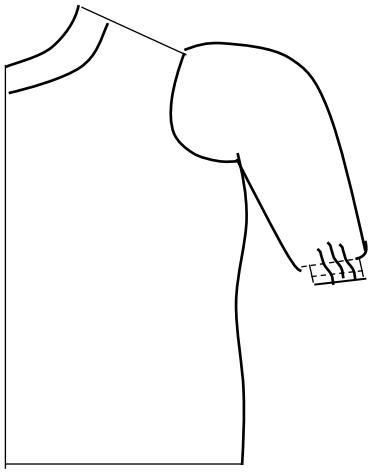


VIEWS

FRONT



BACK



KCSE 2024 FINAL PREDICTION

EXPECTED EXAM 7

441/1

HOME SCIENCE

PAPER 1 (THEORY)

TIME: 2½ HOURS

NAME……

SCHOOL…… SIGN……

INDEX NO…… ADM NO……

(Kenya Certificate of Secondary Education)

Instructions to candidates

(a) *Write your* ***name, ADM number*** *and the* ***name*** *of your school in the spaces provided above.*

(b) ***Sign*** *and* ***write*** *the* ***date*** *of examination in the spaces provided above.*

(c) *This paper consists of* ***3 sections A, B*** *and* ***C****. Answer* ***all questions in section A and B*** *and* ***any two*** *from section* ***C****. All answers must be written in the answer booklet provided.*

(d) *All Answers must be written in* ***English***

FOR EXAMINER'S USE ONLY

Section	Question	Maximum score	Candidates score
A	1-19	40	
B	20	20	
C	21-23	20	
		20	
Total score		100	

SECTION A COMPULSORY (40MKS)

Answer all questions in this section in the spaces provided

1. State the meaning of the term patching as used in repair of clothes. **(2mks)**

2. Give 2 reasons why clothes should be mended before washing **(2mks)**

3. Mention 3 factors influencing the choice of a color scheme for a bedroom **(3mks)**

4. Suggest 4 ways of preserving meat at home **(2mks)**

5. Mention 2 ways used to disinfect garments before washing **(2mks)**

6. Give 2 examples of self neatened seams that are worked on a school blouse **(2mks)**

7. Distinguish between a sprain and a fracture **(2mks)**

8. Mention 3 factors considered when choosing a method of cooking **(3mks)**

9. Outline 3 signs and symptoms of food poisoning at home **(3mks)**

10. Explain the meaning of the term fibre as used in clothing and textiles **(1mk)**

11. State 2 qualities considered when choosing dressmaker's pins **(2mks)**

12. State the role of a tension disc on a sewing machine **(1mk)**

13. Suggest 2 handmade stitches that can be used to neaten the raw edge of a seam **(2mks)**

14. Outline 3 reasons for proper drainage at school **(3mks)**

15. Give 2 reasons why vitamin C should be adequate in the diet **(2mks)**

16. Give 2 reasons why convenience foods may be preferred at home **(2mks)**

17. Identify 2 methods of purifying water at home **(2mks)**

18. Identify 4 fat soluble vitamins **(2mks)**

19. Mention 2 problems experienced by consumers today **(2mks)**

SECTION B (20MKS)

COMPULSORY

Answer question 20 in the spaces provided;

20. You have been left at home to carry out tasks in preparation for guests intending to visit over the weekend

a)Describe the procedure you will follow to launder a white cotton tablecloth **(8mks)**

b) Describe the thorough cleaning of the fridge used to preserve some food items **(7mks)**

c) Describe the cleaning of a ceramic cup for use at the table **(5mks)**

SECTION C (40MKS)

Answer any two questions from this section in the spaces provided

21.a) Describe 3 characteristics of the buffet style of meal service **(6mks)**

b) Explain 4 points considered when buying a family house **(8mks)**

c) Describe 3 ways of improving breastmilk supply for a lactating mother **(6mks)**

22.a) Outline 3 reasons for interfacing a waistband **(6mks)**

b) Explain 3 reasons for sufficient lighting in the kitchen **(6mks)**

c) Outline 4 qualities of a good toilet brush **(8mks)**

23.a) Outline 3 reasons why consumers should not buy a cooker on hire purchase **(6mks)**

b) Describe 3 preparations done on a fabric before cutting out **(6mks)**

c) Describe 4 qualities of a good play item for a 2 year old child **(8mks)**

The End

KCSE 2024 FINAL PREDICTION

EXPECTED EXAM 7

441/2

HOME SCIENCE

PAPER 2

TIME: 2½ HOURS

NAME……

SCHOOL…… SIGN……

INDEX NO…… ADM NO……

(Kenya Certificate of Secondary Education)

HOMESCIENCE

PAPER 2

CLOTHING CONSTRUCTION

TIME: 2 ½ HRS

Instructions to candidates

1. This paper consist of three printed pages

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

*3. Candidates **must** use machine stitches appropriately in the construction of the garment.*

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

5.Hand stitches will only be allowed for the making of hemming and tacking stitches.

THE TEST

A pattern of a girls dress has been provided .You are advised to study the sketches ,read instructions and layout carefully before you begin the test.

1.MATERIALS PROVIDED

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 and 9cm wide.

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

3.cotton sewing thread to match the fabric.

4,One large envelope.

THE TEST

Using the materials provided, cut out and make the **LEFT SIDE,** of the girls dress to show the following processes.

a) Cutting out **(17mks)**

b) Making of the dart at the front bodice **($6\frac{1}{2}$mks)**

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

d) Making of the side seam on bodice skirt using an open seam **(11mks)**

e) Attaching of the bodice pieces to the skirt pieces using a plain seam and neatening half of the back seam using loop stitches **(11mks)**

f) Preparation of the collar and attaching of the collar using a crossway strip **($15\frac{1}{2}$mks)**

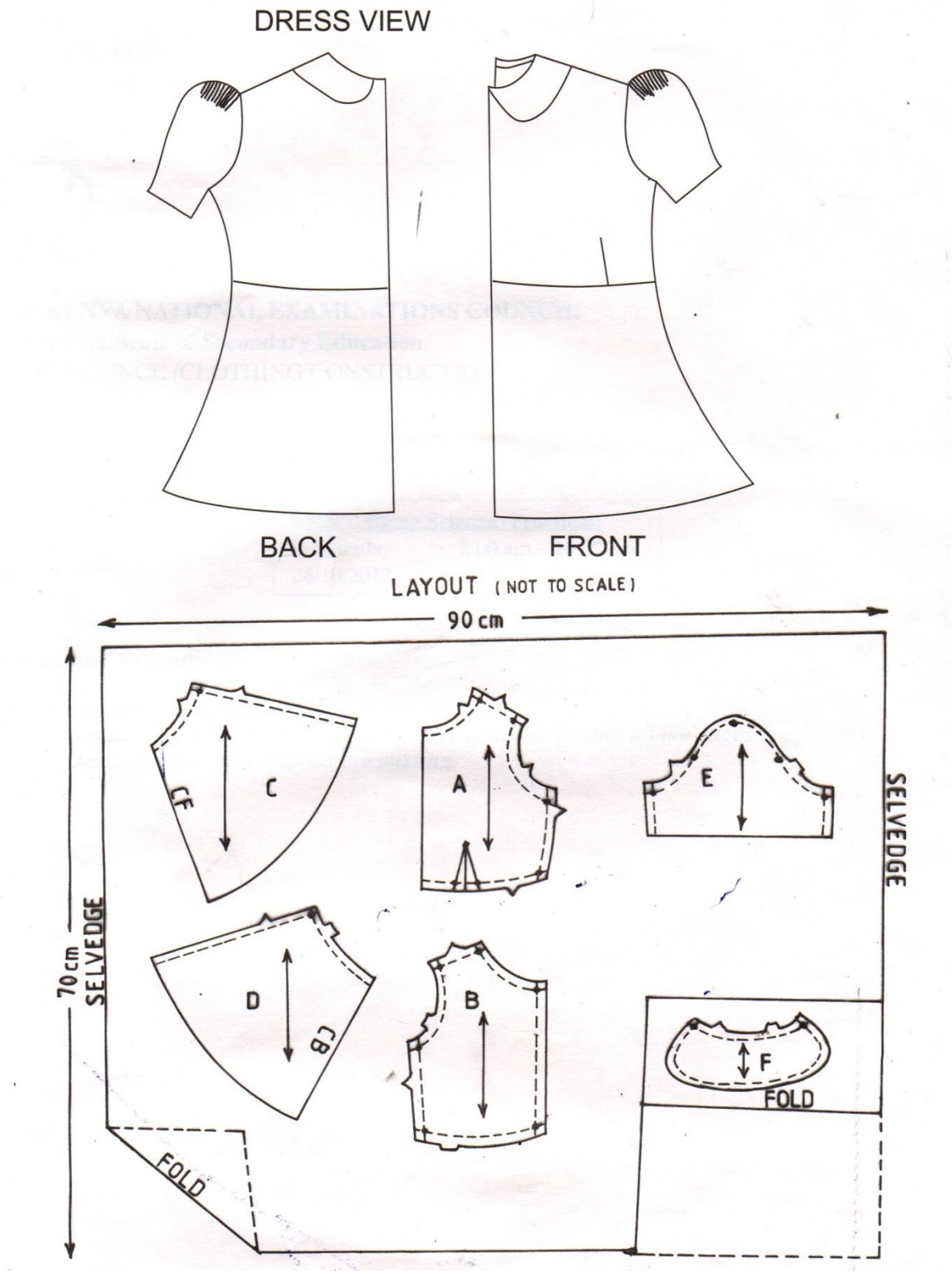
h) Making of the underarm seam using an open seam **(6mks)**

i) Preparation and attachment of the sleeve .Do not trim or neaten the seam allowance **($8\frac{1}{2}$)**

j) Overall presentation **($6\frac{1}{2}$ mks)**

OMIT

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



KCSE 2024 FINAL PREDICTION

EXPECTED EXAM 8

441/1

HOME SCIENCE

PAPER 1 (THEORY)

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	1-40	40	
B	41	20	
C	42-44	40	
	Total score	*100*	

SECTION A :40(MARKS)

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

1. Outline two uses of separating tools **(1mark)**

2. Suggest two methods of cooking you would use when preparing a meal for a person recovering from an illness **(1mark)**

3. Mention two conditions suitable for the growth of yeast **(1mark)**

4. Highlight two uses of batters in cookery **(1mark)**

5. Differentiate between essential and non-essential amino acids **(1mark)**

6. Suggest two ways of managing goiter **(1mark)**

7. Cakes are classified according to the method used in making them, list the two methods **(1mark)**

8. List two food reasons for food fortification **(1mark)**

9. Outline two functional accessories used in the home **(1mark)**

10. Highlight two examples of pendant fixtures used at home **(1mark)**

11. State two negative effects of wood as a type of fuel used in the home **(1mark)**

12. Explain how air conditioners are used to ventilate a room **(1mark)**

13. Give two reasons as to why tissue papers/diposable paper towels are better used by the sick **(1mark)**

14. List two causes of foreign bodies in the eye **(1mark)**

15. Name two types of maisonettes **(1mark)**

16. Define the following terms **(1mark).**

a) Dirt

b) Suction

17. Mention two surfaces that can be cleaned by scrubbing **(1mark)**

18. List two floors that require polishing **(1mark)**

19. Define the term weaning **(1mark)**

20. Name the drug that the mother and the baby are given during delivery to prevent transmission of HIV/ AIDS ……..…… **(1mark)**

21. State two activities done at post-natal care to the baby **(1mark)**

22. Highlight two vaccines administered orally **(1mark)**

23. Mention two ways of sterilizing feeding equipments **(1mark)**

24. State two play items meant for infants **(1mark)**

25. Name two reflexes responsible for milk flow **(1mark)**

26. Outline two effects of excess fat in a diet of an expectant mother **(1mark)**

27. Outline two physical needs of an expectant mother **(1mark)**

28. List two services rendered at a fee in your locality **(1mark)**

29. Mention two forms of advertisement **(1mark)**

30. Give two examples of flexible expenses **(1mark)**

31. Name two ways consumers can get information about items to be bought **(1mark)**

32. Name two uses of pockets on **garments** **(1mark)**

33. Highlight two areas darts can be used on garments **(1mark)**

34. List two methods of neatening seams **(1mark)**

35. Name two decorative stitches used to make clothes and articles attractive **(1mark)**

36. Give the function of the following parts of a sewing machine **(2marks)**

a) Tension disc

b) Stop motion screw

37. Give two uses of asbestos fiber **(1mark)**

38. Highlight two possible causes of stitches looping during **sewing** **(1mark)**

39. Outline two uses of temporary stitches **(1mark)**

40. Give two examples of openings used on garments **(1mark)**

SECTION B – (20 MARKS)

Compulsory: Answer question 41 in the space provided below

41. You have been assigned tasks in the kitchen by your mother. Thorough clean;

a) The terrazzo kitchen floor and the long handled scrubbing brush made of painted wood **(14 mrks)**

b) The white cotton kitchen towel **(6marks)**

SECTION C (40MARKS)

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

42.

a) Describe four general rules for boiling foods **(4marks)**

b) Highlight four ways in which one can observe in the care of ironing boards **(4marks)**

c) Describe four reasons for baby's refusal to breastfeed **(4marks)**

d) Highlight four importance budgeting at home **(4marks)**

e) Using a clearly labelled diagram explain the working of knife pleats on lower skirt frill **(4marks)**

43.

a) Explain how the following food nutrients can be conserved **(4marks)**

i. Proteins during cooking

ii. Vitamin C during preparation

iii. Vitamin A during storage

iv. Minerals during cooking

b) Highlight four types of windows used to ventilate a room **(4marks)**

c) Outline eight habits a child should be trained on **(4marks)**

d) Give four ways a consumer shows integrity when purchasing goods **(4marks)**

e) Describe the characteristics of a well-made seam **(4marks)**

44.

a) Highlight four ways pastry is kept cool during preparation **(4marks)**

b) Describe four points to consider when choosing furnitures **(4marks)**

c) Explain four ways of meeting the social needs of a patient recuperating at home **(4marks)**

d) State four advantages of cash buying **(4marks)**

e) Highlight four reasons for controlling fullness on garments **(4marks)**

KCSE 2024 FINAL PREDICTION

EXPECTED EXAM 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

PAPER 2

(Clothing and Construction)

Instructions to candidates

- **Candidates should check the question paper to ensure that all the printed papers are as indicated and no question is missing.**

BOY'S SHORT

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

MATERIALS PROVIDED

1. Pattern pieces

A. Short back

B. Short front

C. Pocket

D. Waist band

2. Plain light weight cotton fabric 55cm 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** side of the boy's short to show the following processes.

a) Cutting out **(9 ½ mks)**

b) Making of the back dart **(5 ½ mks)**

c) Making of the inner leg seam using a **french seam.** **(7 ½ mks)**

d) Attaching the in seam pocket. **(12 mks)**

e) Working of the side seam using an **open seam** and neatening the section below the pocket. **(12 mks)**

f) Preparing and attaching the interfaced waistband. **(Do not trim the seam)**

i. Tack the back part waistband using even tacking.

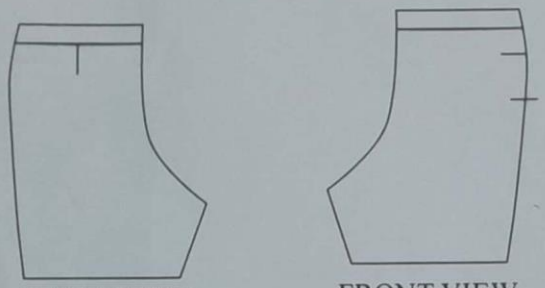
ii. Top stitch the edge of the waistband. **(22 mks)**

g) Managing the hem. Machine stitch half of the hem.**(Do not remove tacking stitches).** **(15 mks)**

h) Overall presentation. **(6 ½ mks)**

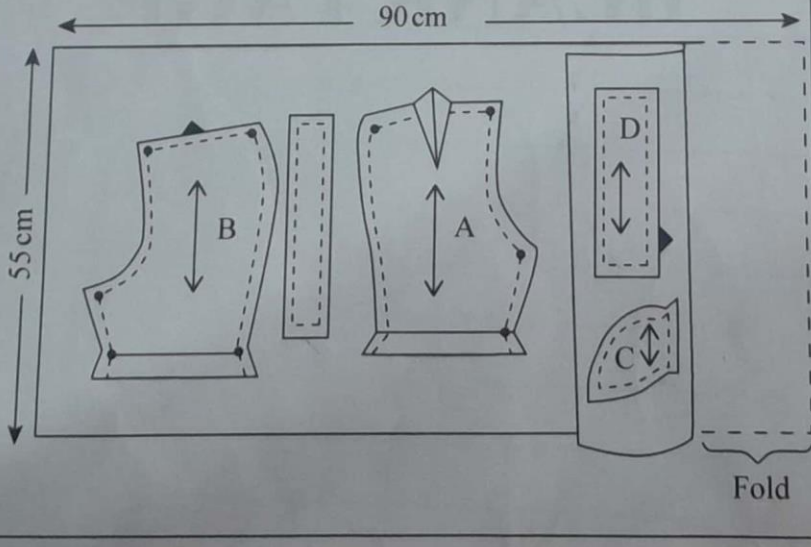
At the end of the examination, firmly sew onto your work, on a single fabric, a label bearing your name and index number. Remove the needles, pins and loose threads from your work. Fold your work neatly and place it in the envelope provided.
Do not put scraps of fabric in the envelope. Do not seal the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

SHORT VIEWS



BACK VIEW FRONT VIEW

LAYOUT (Not drawn to scale)



KCSE 2024 FINAL PREDICTION

EXPECTED EXAM 9

441/1

HOME SCIENCE

PAPER 1 (THEORY)

TIME: 2½ HOURS

NAME……

SCHOOL…… SIGN……

INDEX NO…… ADM NO……

(Kenya Certificate of Secondary Education)

INSTRUCTION TO CANDIDATES

- Answer all the questions in sections A and B and any two questions in section C. In the spaces provided.

FOR EXAMINERS USE ONLY

SECTION	QUESTION	MAXIMUM MARKS	CANDIDATE SCORE
A	1-20	40	
B	21	20	
C	22 23 24	20 20	
TOTAL		100	

SECTION A: 40marks – COMPULSORY

Answer all the questions

1. Why is breakfast considered the most important meal of the day. **(2marks)**

2. State two conditions necessary for the growth of micro-organisms in food spoilage.**(1marks)**

3. State three benefits of breastfeeding to a mother. **(3marks)**

4. Give two characteristics of a good laundry basin. **(2marks)**

5. Identify the correct direction the fell of a dart should face in garment construction**(3marks)**

(i) Front shoulder dart

(ii)Back waist dart

(ii) Bust dart

6. What is a substitute product in the market. **(1mark)**

7. State four finishing processes carried out during laundry. **(2marks)**

8. State three ways in which waste is disposed economically. **(3marks)**

9. List two common stains which can occur in the kitchen. **(2marks)**

10Give two points to note when buying baking tins. **(2marks)**

11. Define the term comparative shopping /buying. **(1mark)**

12. List two qualities of materials used to freeze foods. **(2marks)**

13. Highlight two precautions to take on a limb after a snake bite. **(2marks)**

14. State two uses of a fabric conditioner. **(2marks)**

15. Name the parts of the sewing machine which makes the fabric to move when stitching. **(2marks)**

16. State two roles of gathering in garment construction. **(2marks)**

17. Differentiate a casing and a hem. **(2marks)**

18. State two causes of obesity. **(2marks)**

19. Why is butter unsuitable for frying foods. **(2marks)**

20. Mention four uses of eggs in cookery. **(2marks)**

SECTION B (20MARKS) COMPLUSORY

21. You have been requested by your aunt to assist in carrying out some chores.

(a) Describe how to clean her muddy leather shoes with laces in readiness for polishing. **(10marks)**

(b) Outline the procedure to follow when cleaning the toilet. **(10 mrks)**

SECTION C-40MARKS

Answer Any Two Questions from This Section

22(a) Explain four reasons why it is advisable to buy a luxury sofa set using hire purchase. **(8marks)**

(b) Explain three hygiene practices to observe during food storage. **(6marks)**

(c) Highlight six signs of a child suffering from marasmus. **(6marks)**

23(a) Identify six ways of reducing expenditure of food. **(6marks)**

(b) Explain four reasons for ensuring that homes are well lit. **(8marks)**

(c) State six ways of minimizing fatigue while working in the kitchen. **(6marks)**

24(a) State six points to observe when hanging clothes in the wardrobe. **(6marks)**

(b) In each case, explain three principles involved in the following methods of food preservation

(i)Canning and bottling **(3marks)**

(ii)Freezing and refrigeration **(3marks)**

(c) Explain four qualities of a well-made in seam pocket. **(8marks)**

KCSE 2024 FINAL PREDICTION

EXPECTED EXAM 9

441/2

HOME SCIENCE

PAPER 2

TIME: 2½ HOURS

SCHOOL…… SIGN……

(Kenya Certificate of Secondary Education)

HOME SCIENCE

FORM FOUR

PAPER 2

441/2

CLOTHING CONSTRUCTION

CONFIDENTIAL

TO SCHOOLS

Provide the following to the candidates

1. Plain weight cotton fabric 60cm long and 90cm wide
2. Sewing thread to match the fabric

KCSE 2024 FINAL PREDICTION

EXPECTED EXAM 9

441/2

HOME SCIENCE

PAPER 2

TIME: 2½ HOURS

NAME……

SCHOOL…… SIGN……

INDEX NO…… ADM NO……

(Kenya Certificate of Secondary Education)

(CLOTHING CONSTRUCTION)

INSTRUCTIONS TO CANDIDATES

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

B. Candidates must use machines stitches appropriately in the construction of the garment

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

D. Hand stitches will only be allowed for the making of loop worked button hole and tacking stitches

A pattern of a 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-skirt front

C-Skirt frill

D-Pocket

E-Waist band

2. Plain weight cotton fabric 60cm long and 90 cm wide

3. Sewing thread to match the fabric.

THE TEST

Using the materials provided, cut out and make the **RIGHT HALF** of the skirt to show the following process.

(a) Making the back dart

(b) Preparation of the box pleat on the skirt frill

(c) Joining of the skirt front to the front frill using an overlaid seam. Neaten half of the seam using loop stitches.

(d) Attachment of front pocket to the skirt front and back pocket to the skirt back
Do not trim or neaten the seam

(e) Making the side seam using an open seam

(f)Joining of the pocket seam .Do not neaten

(g) Preparing and attaching the waist band and fixing using slip hemming.

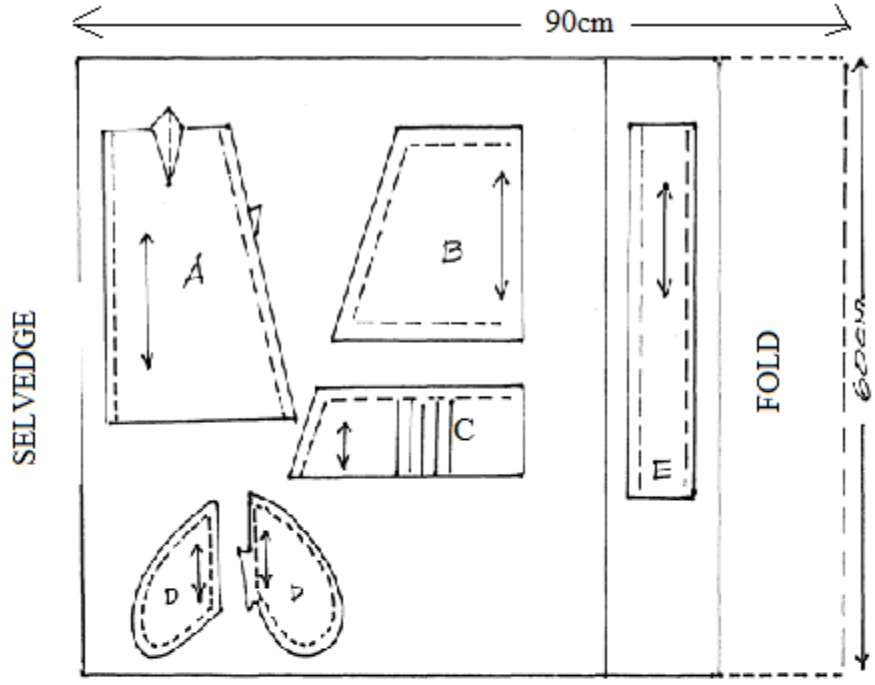
At the end of the examination, firmly sew on to your work a single fabric, a label bearing your name and index number.

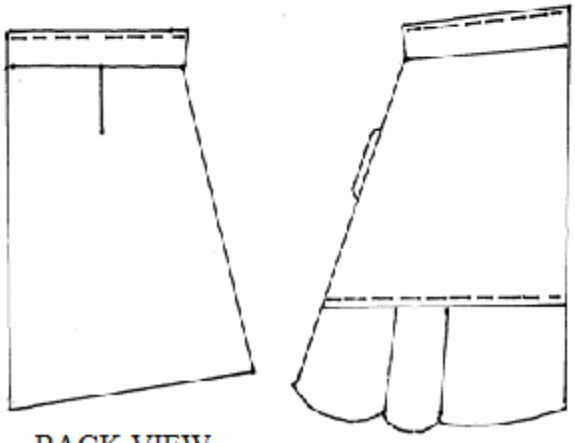
Remove the needle and pins from your work.

Then fold your work carefully and place it into the envelope provided.

Do not put scraps of materials in the envelope.

LAYOUT NOT DRAWN TO SCALE





BACK VIEW FRONT VIEW

KCSE 2024 FINAL PREDICTION

EXPECTED EXAM 10

441/1

HOME SCIENCE

PAPER 1 (THEORY)

TIME: 2½ HOURS

NAME……

SCHOOL…… **SIGN**……

INDEX NO…… **ADM NO**……

(Kenya Certificate of Secondary Education)

INSTRUCTIONS TO CANDIDATES

1. *Write your **name** and **index** number in the spaces provided.*
2. *Sign and write the date of examination in the space provided.*
3. *This paper consists of **THREE** sections: **A**,**B** and **C**.*
4. *Answer **ALL** questions in sections **A** and **B** and any **TWO** questions from section **C**.*
5. *Check the question paper to ascertain that no question is missing (total of 22 questions)*

FOR EXAMINERS USE ONLY

Section	Question	Maximum score	Candidates score
A	1 -18	40	
B	19	20	
C	20	20	
	21	20	
	22		
TOTAL		**100**	

SECTION A

Attempt All Questions in This Section – 40mks

1. Give **two** advantages of buying goods on higher purchase. **(2 marks)**

2. Suggest **two** functions of roughages in the body. **(2 marks)**

3. Highlight **two** factors to consider when locating living room in a house. **(2 marks)**

4. State **two** effects of heat on protein. **(2 marks)**

5. Mention **two** points to consider when choosing a refuse container. **(2 marks)**

6. State **two** factors that one must consider when choosing laundry equipment. **(2 marks)**

7. Name **two** common methods of repairing clothes. **(2 marks)**

8. State **two** advantages of using gas as a fuel in the home. **(2 marks)**

9. Give the meaning of the word 'counterfeit' **(2 marks)**

10. Give **two** factors that can lead to artificial feeding of an infant. **(2 marks)**

11. Define the following terms as used in colour .

a. Shade **(2 marks)**

b. Color scheme **(2 marks)**

12. Suggest **two** reasons why clothes are aired after ironing. **(2 marks)**

13. Suggest **two** uses of temporary stitches. **(2 marks)**

14. Distinguish between the following term batter and butter. **(2 marks)**

15. State **three** qualities of a well-made seam. **(3 marks)**

16. Give **two** reasons why a bed ridden invalid should be given plenty of fluids. **(2 marks)**

17. Suggest **two** reasons for starching in laundry work. **(2 marks)**

18. Suggest **three** methods of removing loose dirt in the house. **(3 marks)**

SECTION B: COMPULSORY SECTION (20MKS)

19. You have been invited by your mother's old friend in her rural home. You are helping her clean up. Describe the following:

a. Procedure of weekly cleaning a hurricane lamp and leave it ready for use. **(10marks)**

b. Procedure of washing her white cotton table cloth covered with a fresh tea stain. **(6 marks)**

c. Explain four laundry processes harmful to woolen fibers. **(4 marks)**

SECTION C

Answer Only Two Questions in This Section

20. a) Explain **four** principles of good buying. **(8 marks)**

b) Define the following terms.

- Glazing **(2 marks)**
- Simmering **(2 marks)**
- Coating **(2 marks)**

c) Write down six points to consider when choosing fabric for curtains in a house**. (6 marks)**

21. a) Discuss **four** precautionary measures to take when caring for a sick person at home. **(8 marks)**

b) Explain **four** reasons for adequate ventilation in a room. **(8 marks)**

c) List **four** attribute of good lighting at home. **(4 marks)**

22. a) Discuss **three** factors one should consider when planning meals for elderly. **(6 marks)**

b) Explain **three** factors to consider when choosing openings in garments. **(6 marks)**

c) Suggest **four** characteristics of cellulosic fibers. **(4 marks)**

d) List down **four** types of artificial lighting. **(4 marks)**

KCSE 2024 FINAL PREDICTION

EXPECTED EXAM 10

441/2

HOME SCIENCE

PAPER 2

TIME: 2½ HOURS

SCHOOL…… SIGN……

(Kenya Certificate of Secondary Education)

CONFIDENTIAL

HOME SCIENCE

(Clothing and construction practical)

(Practical)

INSTRUCTIONS TO SCHOOLS

The following materials will be provided by the school:

1. Plain lightweight and light coloured cotton fabric 70cm long by 90cm wide;
2. Sewing thread to match the fabric.
3. Button 1.2cm diameter

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

KCSE 2024 FINAL PREDICTION

EXPECTED EXAM 10

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 AND CONSTRUCTION

PAPER 2

(PRACTICAL)

Instructions to candidates

a. This paper consists 3 printed pages.

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

A pattern of an apron is provided. You are advised to study the sketches, instructions and 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 70cm long by 90cm wide.
3. Sewing thread to match the fabric.
4. A button 1.2cm diameter
5. One large envelope.

THE TEST

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

a) Cutting out **(17mks)**

b) The preparation of the bib, waistband and attachment of the bib to the waistband **(18mks)**

c) Preparation of the pleats on the frill and attaching the frill onto the skirt using an overlaid seam **(12mks).**

d) Machine stitch the right hand edge of the **skirt** **(6mks).**

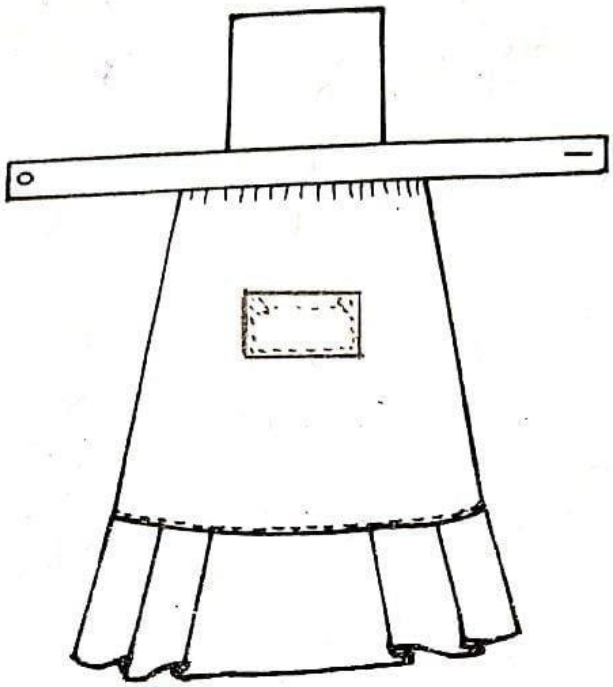
e) Working of gathers on the skirt and attaching to the waistband. Holding the underlap onto the skirt using long and short tacking. **Do not hem.** **(9mks)**

f) Preparation and attachment of a patch **pocket** **(11mks)**

g) Working of the buttonhole and attaching the button **(12mks).**

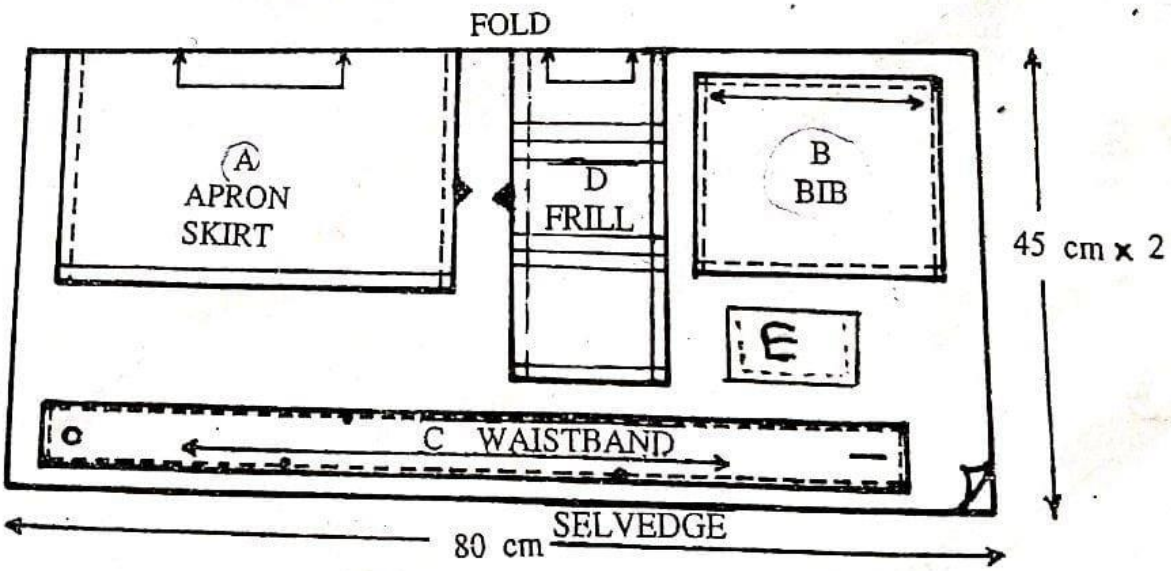
h) Overall presentation **(5mks)**

APRON



FRONT VIEW

LAYOUT (NOT DRAWN TO SCALE)



To Obtain Copies of Respective Marking Schemes / Answers

CALL/TEXT/WHATSAPP

0746-222-000
0742-999-000

mwalimuconsultancy@gmail.com

kcsepredictions@gmail.com

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SUCCESS

CAUTION TO KCSE 2024 CANDIDATES:

IN CASE / ON EVENT YOU REALIZE PART OF THESE QUESTIONS WERE DIRECTLY OR INDIRECTLY LIFTED TO THE UPCOMING FINAL KCSE 2024 EXAMINATIONS …

PLEASE DO NOT PANIC!

KILA LA HERI