TOP SCHOOLS PREDICTIONS

HOME SCIENCE

KCSE PREDICTION TESTS (1-10)

2nd Series of Sampled Top Performing Schools Possible Questions in Home Science Expected in the Forthcoming Annual Final KCSE Examinations for our Candidates.

SERIES 2

For Marking Schemes Call/WhatsApp

0746 222 000

MWALIMU AGENCY

TOP SCHOOLS PREDICTION

HOME-SCIENCE

TRIAL 1 PAPER 1

Time: 2 ½ Hours

NAME…… INDEX NO……..…

SCHOOL…….. SIGN……

DATE……...

INSTRUCTIONS TO CANDIDATES

a) *Write your name, index number, school and date in the spaces provided above.*
b) *This paper consists of 3 sections: A, B and C.*
c) *Answer all the questions in section A and B and any two questions from section C.*

For Examiner's Use Only

Section	Question	Maximum score	Candidate's score
A		40	
B		20	
C		20	
		20	
	Total score	100	

SECTION A (40 MARKS)

1. State **two** ways in which a cook can infect food with germs. **(2marks)**
2. Give **three** precautionary measures to take when carrying out household chores to avoid straining the back **(2marks)**
3. Give **two** symptoms of tapeworms **(1mark)**
4. Identify **two** areas of a garment where topstitching is done **(2marks)**
5. Give **three** precautionary measure an expectant woman should observe to avoid low birth weight of a baby **(3marks)**
6. Give **six** agencies that deal with consumer protection in Kenya **(3marks)**

7. Distinguish between a raglan and Kimono sleeves. **(1mark)**

8. State **four** precautions to take to prevent bedsores when taking care of a sick person at home. **(2marks)**

9. Give **three** ways of avoiding impulse buying. **(3marks)**

10. State **two** ways to store dressmaker's pins. **(1mark)**

11. Name **two** suitable fastenings to fix on edge to edge opening **(1mark)**

12. What is the cause of wear and tear in garments **(2marks)**

13. Differentiate between alarca'te and table de hort menus **(2marks)**

14. Write the following abbreviations in full **(2marks)**

(i) OPV_____

(ii) HIV_____

(iii) BCG_____

(iv) TBA_____

15. Give **two** uses of scrape materials in needlework **(2marks)**

16. Give **two** reasons for storing fish away from milk and dairy products. **(2marks)**

17. Give **two** reasons for using wax polish **(2marks)**

18. State **three** qualities of baking flour **(3marks)**

19. Highlight **four** causes of decreased breast milk in nursing mothers **(2marks)**

20. Give **two** advantages of food preservation. **(2marks)**

21. Give **two** reasons for removing stains on clothes / house hold articles before washing. **(2marks)**

SECTION C (20 MARKS)

This is a compulsory question.

22. Your mother is away and has asked you to do a few jobs in the house as well as take care of your 6month old brother. Describe how to:

(i) Wash a soiled baby Napkin **(9marks)**

(ii) Thorough clean a neglected hurricane lamp **(7marks)**

(iii) Clean a discolored plastic baby bottle **(4marks)**

SECTION C (40 MARKS)

Choose any two questions from this section.

23. **(a)** Colour is very important in Home Economics especially in clothing, food and Home decoration. Give three reasons why this is so. **(6marks)**

(b) With the aid of well labeled diagram, explain how to work out a machine fell seam **(7marks)**

(c) Outline four ways of managing fainting **(4marks)**

(d) Highlight three advantages of using credit cards **(3marks)**

24.(a)(i) Explain briefly the value of checking for the following in the blood during antenatal clinic **(3marks)**

(a) Complete blood count
(b) Blood group and Rh typing
(c) Hepatitis B screen

(ii) Explain any two causes of malnutrition during weaning **(4marks)**

(b) Give the preparations done on the following during clothing construction. **(6marks)**

(i) Drafted paper patterns

(ii) Fabric before cutting

(c) Outline seven practices necessary for maintaining a healthy scalp. **(7marks)**

25.(a) Using diagrams, describe the preparation and attaching of a round bottom patch pocket in readiness for attachment. **(7marks)**

(b) Explain three effects of adding sodium bicarbonate on a plain cake mixture **(6marks)**

(c) Outline six ways of ensuring a child gets satisfaction from playing **(3marks)**

(d) Highlight any four guidelines a consumer should follow in order to get the best value for his/her money from goods and services. **(4marks)**

TOP SCHOOLS PREDICTION

HOME-SCIENCE

TRIAL 1 PAPER 2

PRACTICAL (CLOTHING CONSTRUCTION)

Time: 2 ½ Hours

NAME…… INDEX NO……..…

SCHOOL…….. SIGN……

DATE……...

INSTRUCTIONS TO CANDIDATES

a) *Write your name, index number, school and date in the spaces provided above.*

QUESTIONS

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

1. Materials provided

A *Front bodice*
B *Sleeve*
D *Midriff*
E *Front neck facing*
F *Back neck facing*
G *Sleeve opening facing*
H *Sleeve binding*
I *Collar*

2. Light –weight plain cotton fabric 75cm long by 90cm wide.
3. 1cm diameter flat button
4. Sewing thread to match the fabric.

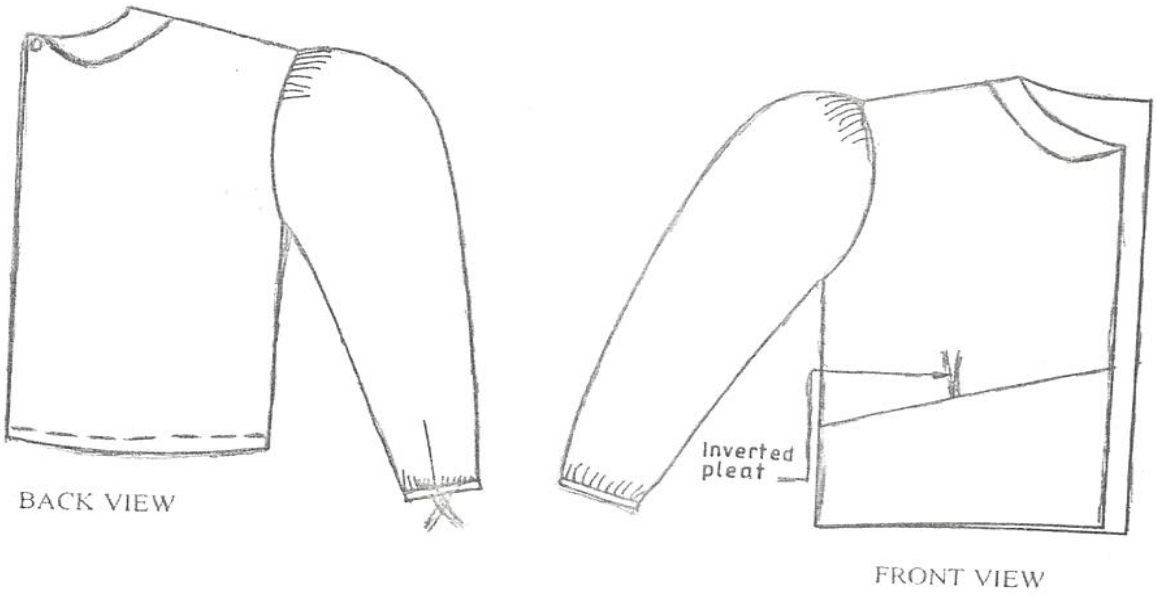
The test

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

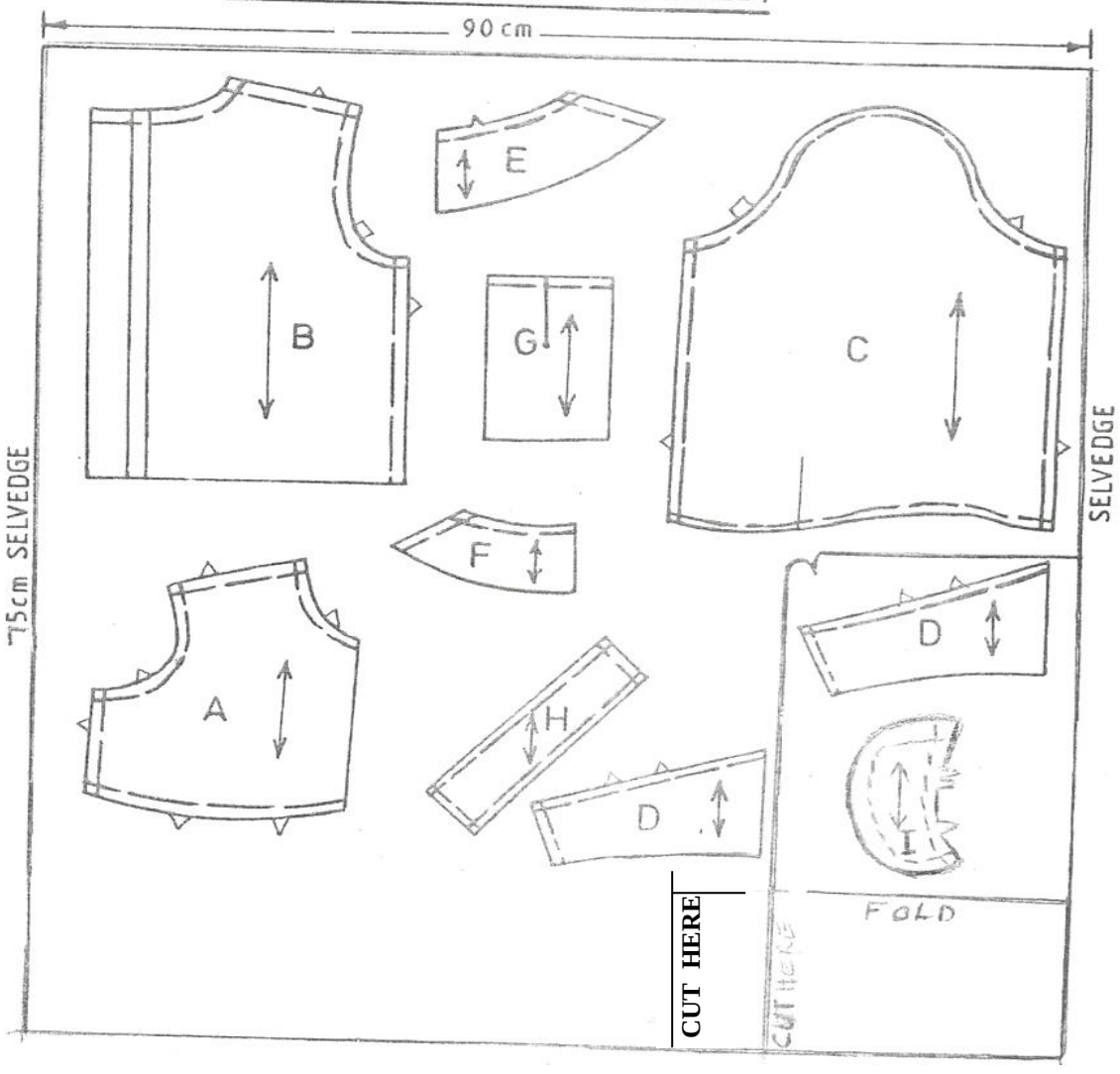
a) The making of the inverted pleat on the front bodice.
b) The attachment of the lined, interfaced midriff to the front bodice.
c) The working of a shoulder seam using double stitched seam.
d) The neatening of the back opening facing.
e) The joining of the front and back neck facings at the shoulder.
f) Preparation of the two piece collar.
g) Attachment of collar using the facings.
h) The making of the side seam using French seam.
i) The preparation of the faced sleeve opening.
j) The making of French seam at the underarm.
k) The binding of the lower edge of the sleeve leaving the binding to extend on both ends.
l) Attachment of the sleeve to the bodice. DO NOT TRIM THE ARM HOLE SEAM.
m) Attaching the flat button at the back bodice opening.
n) Working of the solid hem at the lower edge of the dress. Neaten the back side with even tacking and the front with slip hemming.

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 carefully and place it in the envelope provided. Do not put scraps of materials in the envelope.

CHILD'S DRESS BODICE



THE LAYOUT (NOT TO SCALE)



TOP SCHOOLS PREDICTION

HOME-SCIENCE

TRIAL 2 PAPER 1

Time: 2 ½ Hours

NAME…… INDEX NO……..…

SCHOOL…….. SIGN……

DATE……...

INSTRUCTIONS TO CANDIDATES

a) *Write your name, index number, school and date in the spaces provided above.*
b) *This paper consists of 3 sections: A, B and C.*
c) *Answer all the questions in section A and B and any two questions from section C.*

For Examiner's Use Only

Section	Question	Maximum score	Candidate's score
A		40	
B		20	
C		20	
		20	
	Total score	100	

SECTION A (40 MARKS)

Answer all the questions in this section in the spaces provided

1. Suggest any two ways in which the flavor of food can be enhanced **(2mks)**
2. Mention two factors which affect the prices of fruits and vegetables in the market **(2mks)**
3. State two ways of enhancing personal hygiene **(2mks)**
4. Mention two immunizable diseases caused by viruses **(2mks)**
5. Mention two factors that have led to the growing use of convenience foods **(2mks)**
6. Give two reasons for blanching vegetables before freezing **(2mks)**
7. State two uses of bodkin during clothing construction **(1mk)**
8. Name the gum like substances in fruits that is responsible for jam setting **(1mk)**

9. Give four forms in which laundry soap is made available in shops **(2mks)**

10. Outline two reasons for kneading the dough in yeast mixture preparation **(2mks)**

11. Give the function of the following parts of a sewing machine **(2mks)**

(a) Slide plate

(b) Feed dog

(c) Tape –up lever

(d) Presser foot

12. List two precautions to take when handling and storing fuels in the home **(2mks)**

13. State two reasons for using carpets in home furnishing **(2mks)**

14. List two reasons why refuse should be disposed of appropriately **(2mks)**

15. Give four advantages of hospital confinement **(2mks)**

16. Suggest two points you would observe before stain removal **(2mks)**

17. Give two reasons that make fluorescent fitting preferable for the kitchen **(2mks)**

18. Mention two ways in which the study of Home Science benefits a community **(2mks)**

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

20. Give two needs of the sick that may affect the healing process **(2mks)**

21. Suggest two reasons that may lead to another giving birth to a deformed baby **(2mks)**

SECTION B (20MARKS) COMPULSORY

22. Your mother is away attending a seminar and has asked you to help the househelp with a few chores in the house over the weekend.

(a) Explain how you would thoroughly clean a discoloured melamine cup **(5mks)**

(b) Describe how you would clean a hurricane lamp and leave it ready for use (omitting the glass) **(9mks)**

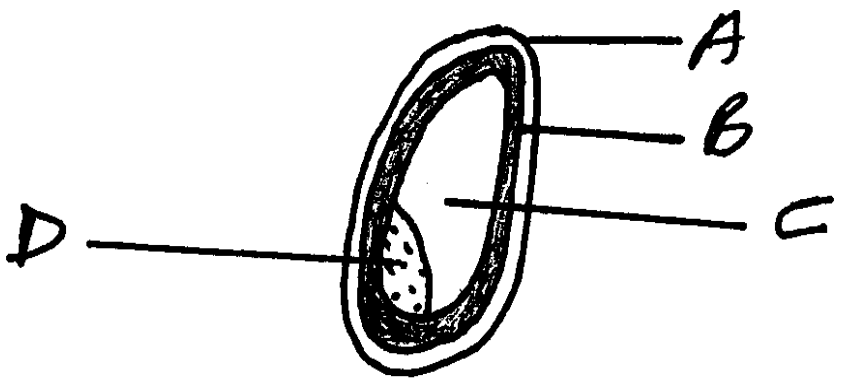
(c) Outline the procedure you would follow to dry clean and finish your father's polyester tie **(6mks)**

SECTION C (40MKS)

Answer any two questions from this section

23. (a) Explain six dangers of land pollution to mankind **(6mks)**

(b)The diagram below shows a longitudinal section of a wheat grain



(i) Label parts A,B,C,D **(4mks)**

(ii) Name two nutrients found in part A and two found in Part D **(2mks)**

(c)Outline 4 advantages of proper ventilation in a house **(4mks)**

(d) Giving examples explain four reasons for fullness control in construction processes **(4mks)**

24.(a) Name 4 agencies that protect consumers and their functions **(4mks)**

(b) Outline 4 preparations that one needs to carry out on a sewing machine in readiness to stitching **(4mks)**

(c) Explain 3 nutritional needs of the elderly **(6mks)**

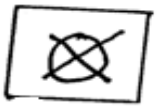
(d)Describe 3 factors to consider when choosing a seam in garment construction **(6mks)**

25.(a) Explain three factors you would consider when choosing flowers for a flower arrangement **(6mks)**

(b) Outline four practices to safeguard against occurrence of food spoilage and poisoning in the home **(4mks)**

(c) Describe 4 qualities of a well made dart **(4mks)**

(d)(i) Interpret the following care label symbols; **(3mks)**







(ii) Explain three reasons for repairing clothes before laundry process **(3mks)**

TOP SCHOOLS PREDICTION

HOME-SCIENCE

TRIAL 2 PAPER 2

Practical (Clothing and Construction)

Time: 2 ½ Hours

NAME…… INDEX NO……..…

SCHOOL…….. SIGN……

DATE……....

INSTRUCTIONS TO CANDIDATES

a) *Write your name, index number, school and date in the spaces provided above.*

QUESTIONS

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

MATERIALS PROVIDED

1. *Pattern Pieces*
   - A. *Dress front*
   - B. *Front yoke*
   - C. *Dress Back*
   - D. *Front Neck Facing*
   - E. *Back Neck Facing*
   - F. *pocket*
2. *plain light weight cotton fabric 60cm by 80cm wide*
3. *sewing thread to match*
4. *embroidery thread 70cm*
5. *one large envelope*

THE TEST

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

a) Cutting out **(9 ½ mks)**

b) Making of the shoulder back dart on the dress back **(7mks)**

c) Easing at the dress front **(2mks)**

d) Joining the front yoke to dress front using an overlaid seam and neaten using overcastting stitches **(8mks)**

e) Joining of the dress front to dress back at the shoulder using machine fell seam **(6mks**

f) Joining dress front to dress back at the side using a French seam **(6mks)**

g) Prepare the pocket and embroider the letters K and S using chain stitches **(8mks)**

h) Attaching the pocket **(14mks)**

i) Join the front and back neck facing, neaten the raw edge and attach facing to the neckline **(14mks)**

j) Manage the dress front hem by holding it down using even tacking and slip hem 5 inches of the same **(7mks)**

k) Repair the cross tear on the dress back by darning **(3mks)**

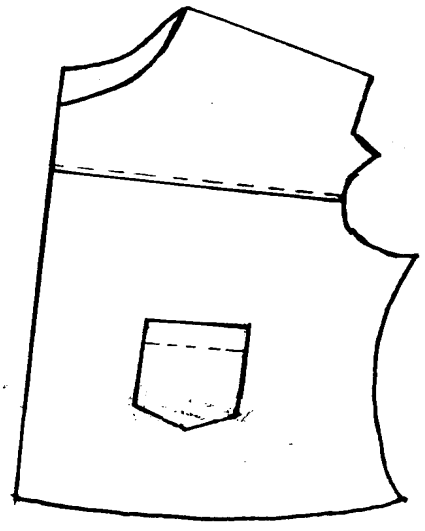
l) Overall presentation **(5 ½ mks)**

At the end of the examination, firmly sew on a single fabric, a label bearing your name and index number .Remove the needle, pins and loose threads from your work.

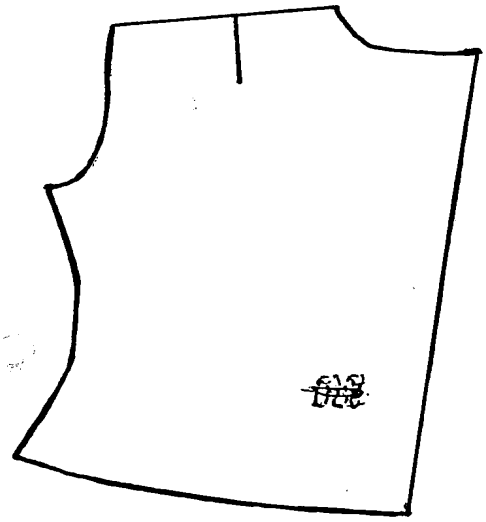
Fold your work neatly and place it in the envelope provided.

<u>Do not put scraps of fabric in the envelope</u>

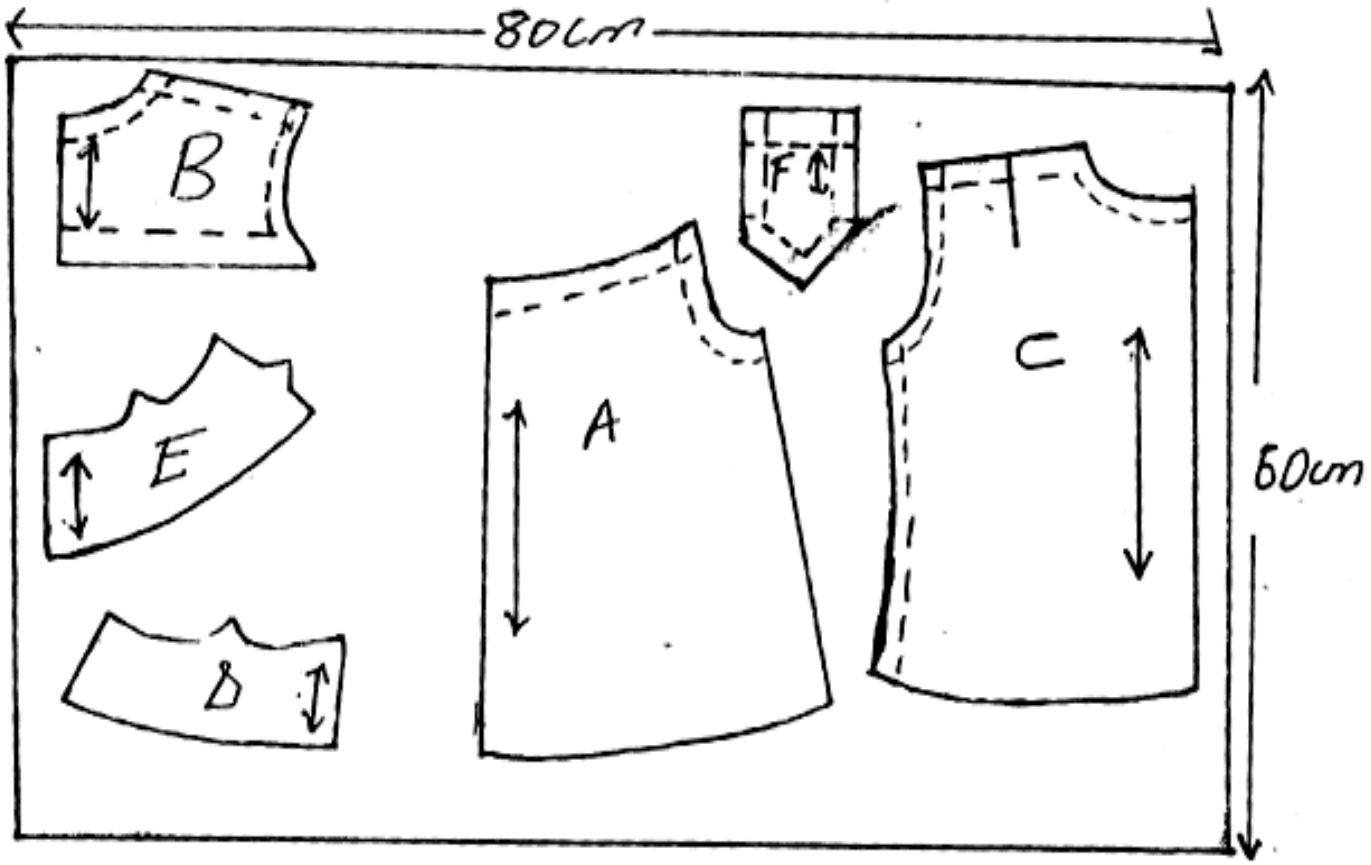
FRONT VIEW



BACK VIEW



LAYOUT NOT DRAWN TO SCALE



TOP SCHOOLS PREDICTION

HOME-SCIENCE

TRIAL 3 PAPER 1

Time: 2 ½ Hours

NAME…… INDEX NO……..…

SCHOOL…….. SIGN……

DATE……...

INSTRUCTIONS TO CANDIDATES

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A		40	
B		20	
C		20	
		20	
	Total score	100	

SECTION A (40 MARKS)

1. Give **four** reasons for preserving food. **(2mks)**
2. State **two** aspects of development brought about by child play. **(1mk)**
3. Mention **two** desirable qualities of baking flour. **(1mk)**
4. Identify **two**pattern symbols that need not to be transferred after cutting out. **(1mk)**
5. Give **two** ways of disinfecting towels. **(1mk)**
6. Give **two** reasons for dry cleaning clothes. **(1mk)**
7. Give **two** reasons why corners of a bed are mitred. **(1mk)**
8. Identify **two** preparations done on fabric before cutting out **(1mk)**

9. Give **two** reasons for covering food during cooking. **(1mk)**
10. Give **two** reasons why aluminum is commonly used to make kitchen utensils **(1mk)**
11. Give **two** reasons why it is preferable to include whole grain cereals inthe diet. **(1mk)**
12. List **two** stitches used in embroidery. **(1mk)**
13. State **four** factors which affect the efficiency of laundry soap. **(2mks)**
14. Differentiate between **fastenings** and **opening.** **(1mk)**
15. Define **glazing** as used in cookery. **(½mk)**
16. Give **two** ways of preventing scalds. **(1mk)**
17. Write down **two** desirable properties of acrylic fibres. **(1mk)**
18. Differentiate between **thin batter** and **thick batter.** **(1mk)**
19. List **two** examples of grease solvents used in laundry. **(1mk)**
20. Cleaning a **wooden table** with hot water is discouraged .Give two reasons for this **(1mk)**
21. Give **two** uses of eggs in cookery. **(1mk)**
22. Give any four factors that affect normal foetal development. **(2mks)**
23. Differentiate between **sponging** and **spotting.** **(1mk)**
24. State **two** ways of preventing hypertension. **(1mk)**
25. Give **two**reasons for coating food. **(1mk)**
26. Identify **two** points to observe when buying fish. **(1mk)**
27. Give **four** reasons for including fruit salad in a meal. **(2mks)**
28. Give **two** reasons for needles breaking during stitching. **(1mk)**
29. Give **one** use of a bodkin **(1mk)**
30. What is a **Bunion?** **(½mk)**
31. Give **two** essential functions of phosphorous in the body. **(1mk)**
32. Identify **two** ways of managing kwashiorkor. **(1mk)**
33. State **two** factors that make electricity the preferred source of light. **(1mk)**
34. Identify **two** points to bear in mind when mending garments. **(1mk)**
35. Give **two** reasons why knots should not be used during stitching. **(1mk)**
36. Give **two** importance of "basting" in cookery. **(1mk)**
37. State **two** desirable qualities of a kitchen floor. **(1mk)**

SECTION B (20MARKS)

38. Using the knowledge you have acquired in home science explain how to launder and clean the following items.

(a) A Nylon dress **(7mks)**

(b). A neglected kitchen sink. **(9mks)**

(c). A stained plastic cup. **(4mks)**

SECTION C (40MARKS)

Answer any two questions from this section

39.(a) Give **five** functions of the Kenya Bureau of Standards **(5mks)**

(b) Explain **five** ways of caring for ironing board **(5mks)**

(c). Explain the working of a **plain seam** with the aid of clearly labeled diagrams **(6mks)**

(d) Identify any **four** conditions that easily destroy vitamin C **(4mks)**

40. (a) Outline the steps followed when making a **budget.** **(5mks)**

(b) Identify **five** points to consider when selecting a laundry soap **(5mks)**

(c) Using well label diagrams, explain the working of a **French seam.** **(6mks)**

(d) Give **four** ways in which we can conserve nutrients during food preparation. **(4mks)**

41. (a) List **four** pieces of information obtained from a product. **(4mks)**

(b) Identify **five** points to consider when serving an invalid **(5mks)**

(c) Explain the working of a **machine fell seam** **(6mks)**

(d) Consumer education is important. Give five reasons why this is so. **(5mks)**

CONFIDENTIAL

CONFIDENTIAL

Each school is required to provide every candidate with the following items;

1. Light weight plain cotton fabric 90cm x 50cm
2. Cotton thread to match the fabric
3. Zip 15cm
4. Press-stud
5. Elastic 28 cm
6. Bodkin or safety pin
7. One large A4 envelope

TOP SCHOOLS PREDICTION

HOME-SCIENCE

TRIAL 3 PAPER 2

Time: 2 ½ Hours

NAME…… INDEX NO……..…

SCHOOL…….. SIGN……

DATE……....

INSTRUCTIONS TO CANDIDATES

a) *Write your name, index number, school and date in the spaces provided above.*

CONFIDENTIAL

Each school is required to provide every candidate with the following items;

a) Light weight plain cotton fabric 90cm x 50cm
b) Cotton thread to match the fabric
c) Zip 15cm
d) Press-stud
e) Elastic 28 cm
f) Bodkin or safety pin
g) One large A4 envelope

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

MATERIALS PROVIDED

1. Pattern pieces

A Short front

B Short back

C Front waistband

D Back waistband

2. Plain light weight cotton fabric 90cm wide by 50cm long.
3. Cotton thread to match the fabric
4. Zip 15cm
5. Press – stud
6. Elastic 28 cm
7. Bodkin or safety pin
8. One large A4 envelope

THE TEST

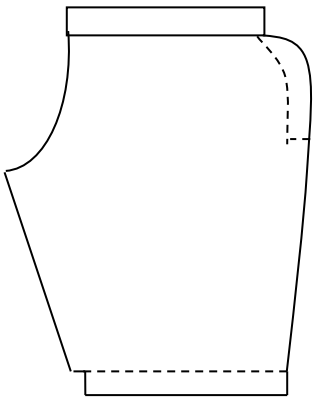
Using the materials provided cut out and make the **LEFT LEG** of the shorts to show the following processes;

a) Making of the back dart
b) Working of the inner leg seam using double stitched seam
c) Working of the side seam using an open seam
d) Fixing the zip using semi-concealed method
e) Preparation and attachment of the waistband
f) Finishing the waistband using hemming stitches
g) Fixing the press- studs using buttonhole stitches
h) Preparation of the casing and inserting the elastic onto the lower edge of the short. **Do not seal the opening**

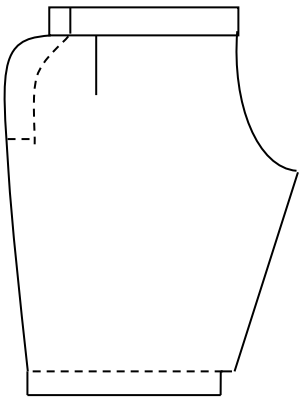
At the end of the examination, firmly sew your work, on a single fabric, a label bearing your name and index number. Remove the needle and pins from your work, then fold your work neatly and place it in the envelope provided. Do not put scraps of fabric in the envelope.

VIEW OF THE PAIR OF SHORTS

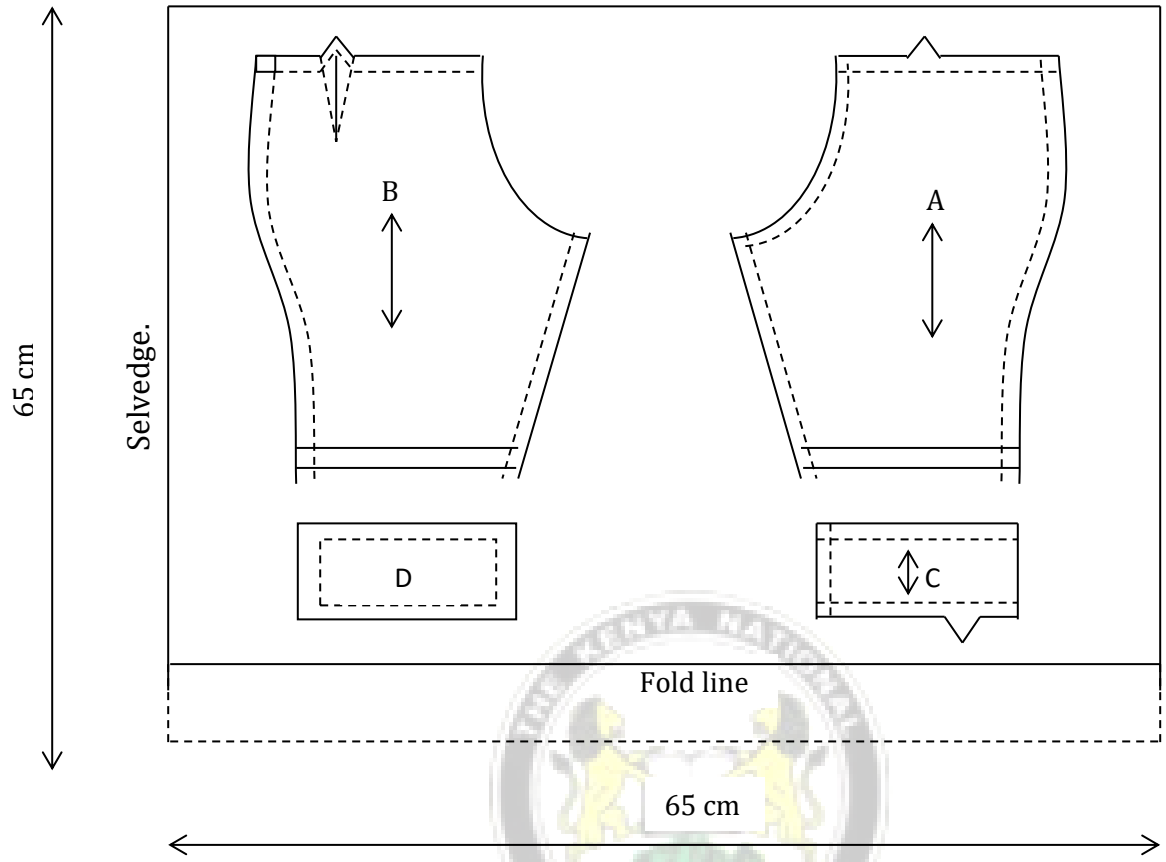
FRONT VIEW



BACK VIEW



LAYOUT (NOT DRAWN TO SCALE



TOP SCHOOLS PREDICTION

HOME-SCIENCE

TRIAL 4 PAPER 1

Time: 2 ½ Hours

NAME…… INDEX NO……..…

SCHOOL…….. SIGN……

DATE……...

INSTRUCTIONS TO CANDIDATES

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b) *This paper consists of 3 sections: A, B and C.*
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B		20	
C		20	
		20	
	Total score	100	

SECTION A (40 MARKS)

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

1. What are cosmetics? **(1 mark)**

2. State **three** causes of poor sanitation in most towns. **(3 marks)**

3. State **two** points to consider when cleaning oil painted walls. **(2 marks)**

4. Identify **two** reasons for pouring hot water down the sink after cleaning. **(2 marks)**

5. Give **one** main disadvantage of using sodium bicarbonate in flour mixtures. **(1 mark)**

6. State **four** reasons for using loose seat covers in house. **(2 marks)**

7. What is insomnia in pregnant women? **(1 mark)**

8. Mention **two** problems a consumer faces today. **(2 marks)**

9. State **three** dangers or excessive weight gain during pregnancy. **(3 marks)**

10. Give **two** advantages of sorting clothes before washing. **(2 marks)**

11. Why should fruit salads be included in a meal? **(2 marks)**

12. Identify **four** methods of preventing loss of colour during the laundering of loose coloured garments. **(2 marks)**

13. Define a cover in table setting. **(1 mark)**

14. State **four** causes of anaemia. **(2 marks)**

15. Mention **two** function of an opening in a garment. **(2 marks)**

16. Give **three** advantages of home based care of the sick. **(3 marks)**

17. Mention **two** uses of temporary stitches. **(2 marks)**

18. The colour wheel helps in the choice of a good colour scheme of the house. What is the meaning of the following terms. **(2 marks)**

(a) Monchromatic colour scheme.

(b) Single complimentary harmony.

19. Give **three** methods of finishing darts. **(3 marks)**

20. State **two** reasons for coating food before deep frying. **(2 marks)**

SECTION B: (20 MARKS): (COMPULSORY)

Answer question 21 in the spaces provided.

21. You are going to spend the August holiday with your grandmother who lives in the rural area.

(a) Explain the procedure you will follow to daily clean her hurricane lamp and keep it ready for use. **(6 marks)**

(b) Give the procedure of laundering her synthetic nightdress. **(7 marks)**

(c) Describe how you would clean the plastic bottle she uses to store milk. **(6 marks)**

SECTION C: (40 MARKS)

Answer any two questions from this section

22. **(a)** Explain **three** factors that affect normal foetal development. **(6 marks)**

(b) Discuss **three** ways you would encourage a patient to eat. **(6 marks)**

(c) Give **three** disadvantages of renting a house. **(3 marks)**

(d) Mention **five** factors that affect individual nutritional requirements in meal planning. **(5 marks)**

23. **(a)** Highlight **two** advantages of using leftover food to produce a family meal. **(4 marks)**

(b) Give **three** factors that influence the layout plan when using a commercial pattern. **(3 marks)**

(c) Describe the procedure of cleaning a table-top gas cooker. **(7 marks)**

(d) With the aid of diagrams, describe the working of single pointed dart. **(6 marks)**

24. **(a)** Discuss the role of play in a child's physical development, social development and mental development. **(6 marks)**

(b) Give **three** reasons for using interfacings on a garment during construction. **(3 marks)**

(c) Highlight **four** preventative measures to be taken to prevent the spread of water-borne diseases. **(4 marks)**

(d) Describe the procedure of preparing an interfaced shirt collar before attaching. **(7 marks)**

TOP SCHOOLS PREDICTION

HOME-SCIENCE

TRIAL 4 PAPER 2

Practical (Clothing Construction)

Time: 2 ½ Hours

NAME…… INDEX NO……..…

SCHOOL…….. SIGN……

DATE……...

INSTRUCTIONS TO CANDIDATES

a) *Write your name, index number, school and date in the spaces provided above.*

QUESTIONS

A pattern of a blouse is provided.

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

MATERIAL PROVIDED.

1. Pattern pieces.

A – Front bodice.

B – Back bodice

C – Sleeve

D – Pocket

E – Collar

2. Light weight fabric 62cm long and 114cm (45") wide.

3. Sewing thread to match the fabric.

4. One large envelope.

THE TEST.

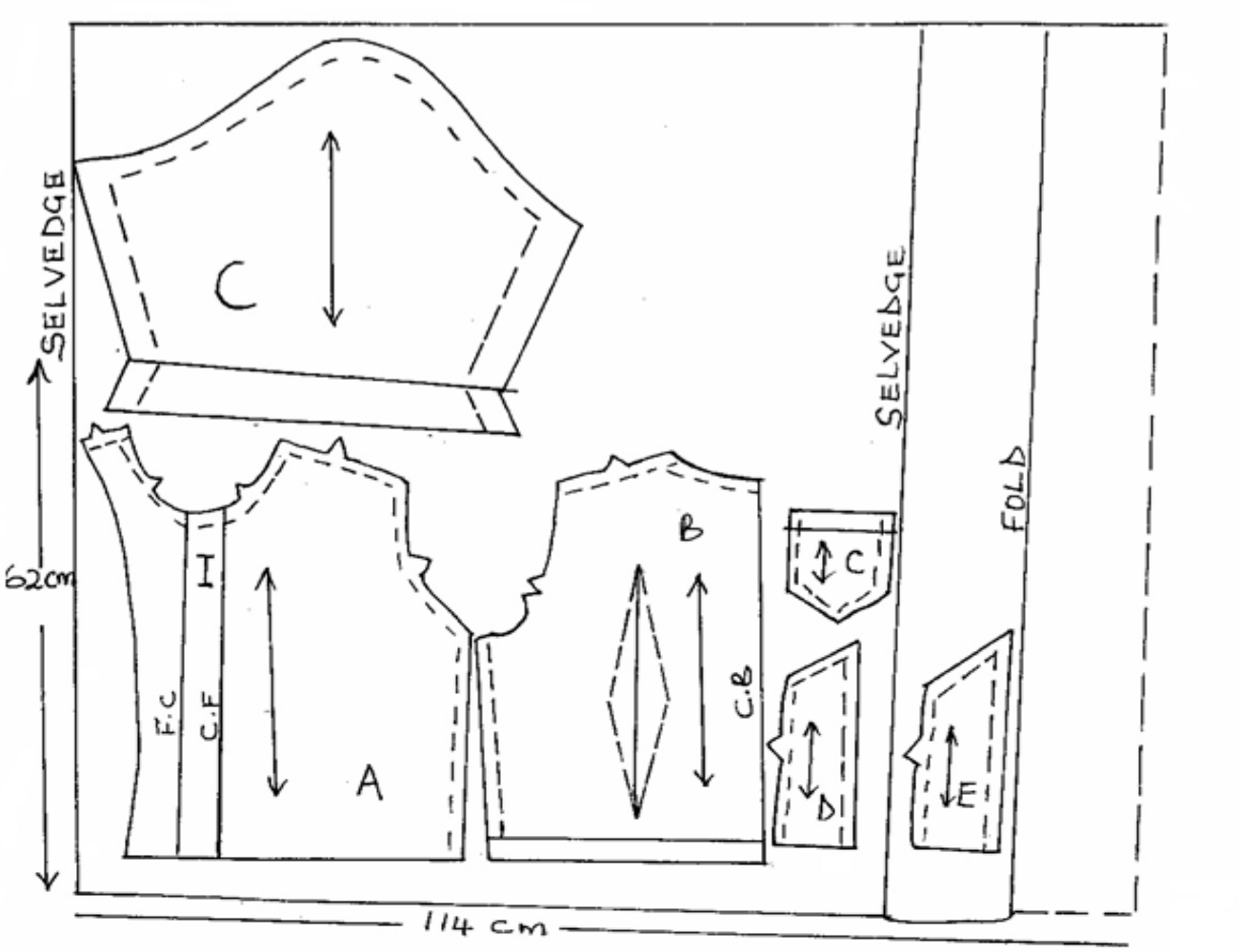
Using material provided cut out and make up the LEFT HALF of the shirt to show the following processes:

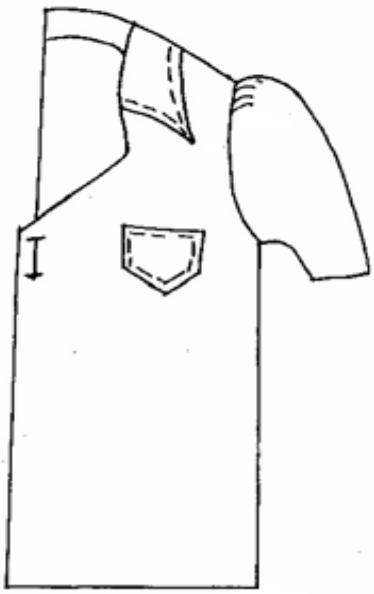
(a)	Cutting out.	**(9 marks)**
(b)	Making double dart at the back bodice.	**(7 marks)**
(c)	Making of double stitched seam at the shoulder.	**(9 marks)**
(d)	Making of side seam using open seam.	**(9 marks)**
(e)	Neatening free edge of the facing.	**(4 marks)**
(f)	Preparation of the interfaced collar.	**(7 marks)**
(g)	Attaching the collar to the blouse.	**(7 marks)**
(h)	Preparation and attaching of patch pocket.	**(8 marks)**
(i)	Preparation of the sleeve and joining of under-arm seam using unneatened plain seam.	**(7 marks)**
(j)	Attaching the sleeve to the blouse do not neaten.	**(8 marks)**
(k)	Making a hem on the lower part of the sleeve using slip-hemming (make half the front part of the hem only).	**(5 marks)**
(l)	Overall presentation.	**(10 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 the needle and pins and from your work., then fold your work neatly and place it in the envelope provided.

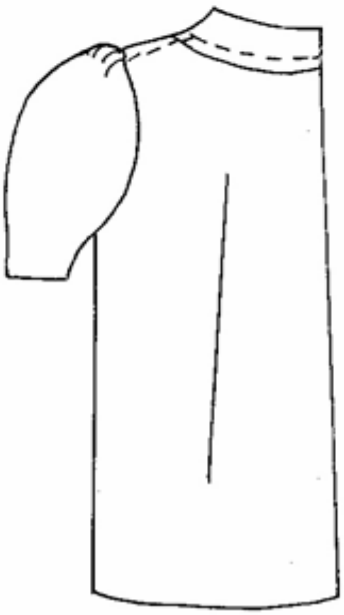
DO NOT put scraps of fabric in the envelope.

LAYOUT (NOT DRAWN TO SCALE)





FRONT VIEW



BACK VIEW

TOP SCHOOLS PREDICTION

HOME-SCIENCE

TRIAL 5 PAPER 1

Time: 2 ½ Hours

NAME…… INDEX NO……..…

SCHOOL…….. SIGN……

DATE……...

INSTRUCTIONS TO CANDIDATES

a) *Write your name, index number, school and date in the spaces provided above.*
b) *This paper consists of 3 sections: A, B and C.*
c) *Answer all the questions in section A and B and any two questions from section C.*

For Examiner's Use Only

Section	Question	Maximum score	Candidate's score
A		40	
B		20	
C		20	
		20	
	Total score	100	

SECTION A (40 MARKS)

Answer all questions in the spaces provided

1. What is a dessert? Give one example **(1mk)**

2. Identify **two** types of vacuum cleaners. **(1mk)**

3. Mention **two** types of electronic money transfer used to pay for goods and services. **(1mk)**

4. State **two** reasons why a person suffering from scurvy may develop anaemia. **(2mks)**

5. List **four** types of fabrics that are drip dried during laundry. **(2mks)**

6. Suggest **two** points to bear in mind when attaching buttons. **(2mks)**

7. State **two** advantages of owning a home. **(2mks)**

8. Mention **two** importance of melanin in the body. **(2mks)**

9. Give **two** reasons why lampshades are popular. **(2mks)**

10. What is the meaning of haberdashery **(1mk)**

11. Outline **four** ways of preventing cholera outbreak **(2mks)**

12. Identify **two** practices necessary for successful steaming **(2mks)**

13. What is the role of a 'U/S' bend in concealed drainage system **(1mk)**

14. Highlight **two** dangers of excess weight gain during pregnancy **(2mks)**

15. Identify **four** fabrics that should not be wrung. **(2mks)**

16. List **four** fastenings suitable for a toddlers garment. **(2mks)**

17. Highlight **two** benefits of studying home science to the community. **(2mks)**

18. State **two** reasons for blanching vegetables. **(2mks)**

19. Give **two** example of builders added to detergents during manufacture. **(1mk)**

20. State **four** advantages of regular cleaning of household items. **(2mks)**

21. Distinguish between raglan and kimono sleeve. **(1mk)**

22. State **two** characteristics of incomplete or second class proteins. **(1mk)**

23. Identify **two** immunizable diseases caused by viruses. (1mk)

24. Identify **two** situations when a lactating mother produces little or no milk at all. **(1mk)**

25. Name **two** areas in the house where light fixtures can be found. **(1mk)**

26. Define the following in relation to weaning. **(1mk)**

(a) Basic mix

(b) Multi mix

SECTION B (20MKS) (COMPULSORY)

27. You have been asked to help with household chores, describe how you would:

a) Launder a polyester shirt with a chewing gum stain. **(11mks)**

b) Clean a blocked kitchen sink. **(5mks)**

c) Clean a golden ring **(4mks)**

SECTION C 40MKS

*Answer **two** questions only in this section*

28. **(a)** Explain **three** forms of credit buying **(3mks)**

. **(b)** Using diagrams describe how to attach a knife pleated frill on the hem of an apron using an overlaid seam. **(10mks)**

(c) Explain **three** practices that would ensure a sewing machine remain in good working condition. **(3mks)**

(d) Highlight **four** practices to ensure good eyesight. **(4mks)**

29. **(a)** Classify laundry equipment giving an example in each case. **(4mks)**

(b) Describe the preparation and attachment of a round collar using a facing. **(10mks)**

(c) Explain **six** uses of sugar in flour mixtures **(3mks)**

(d) Explain **three** benefits of attending post-natal clinic to the mother. **(3mks)**

30. (a) Explain the acronym RICE as used in the management of sprains. **(4mks)**

(b) Describe the preparation of a set in sleeve with continuous slit opening in readiness for attachment. **(10mks)**

(c) Explain **three** reasons for covering a sauce pan when cooking **(3mks)**

(d) Explain **three** rights of passengers' in a public service vehicle. **(3mks)**

TOP SCHOOLS PREDICTION

HOME-SCIENCE

TRIAL 5 PAPER 2

Practical (Clothing Construction)

Time: 2 ½ Hours

NAME…… INDEX NO……..…

SCHOOL…….. SIGN……

DATE……...

INSTRUCTIONS TO CANDIDATES

a) *Write your name, index number, school and date in the spaces provided above.*

QUESTIONS

A pattern of a girl's dress is provided.

You are advised to study sketches, instructions and the 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 - Frill

2. Plain weight cotton fabric 55 cm long by 90 cm wide

3. Cotton sewing thread to match the fabric.

4. 1 cm button

5. One large envelope

TEST

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

(a) Presentation and cutting out. **(22mks)**

(b) Making of the front dart. (7mks)

(c) The neatening of the free edge of the facing **(5mks)**

(d) The folding of front facing and using it to neaten the front neckline (7mks)

(e) Working of the shoulder seam using double stitched seam. **(8mks)**

(f) **(i)** The joining of the bodice front to the skirt front using a plain seam.

(ii) The joining of the bodice back to the skirt back using a plain seam. Neaten the seam using loop stitch **10cm from CF.** **(11ks)**

(g) Joining of both the bodice and the skirt side seams by use of an open seam. **(8mks)**

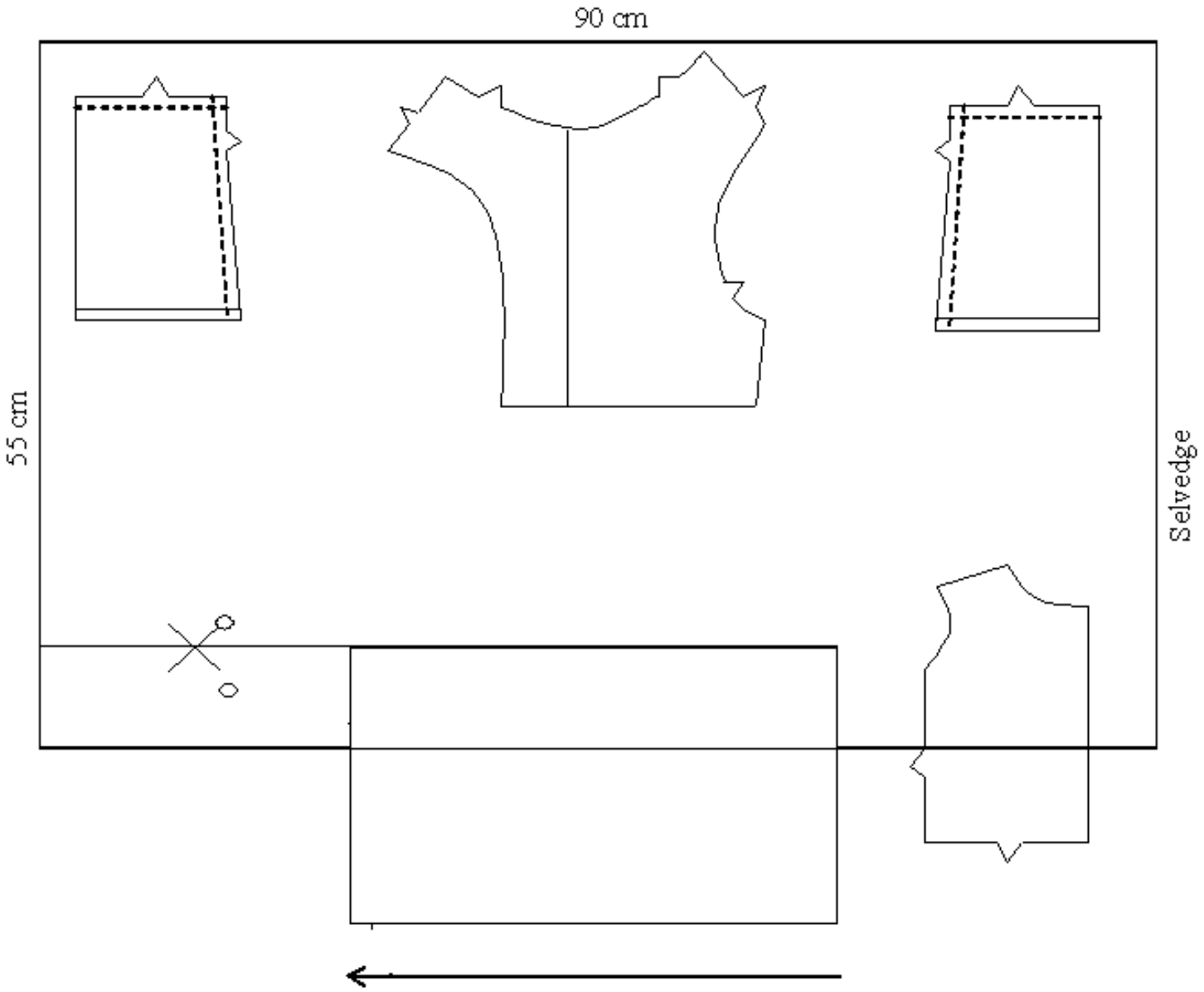
(h) Preparing the gathers on the frill and attaching to the lower skirt using an overlaid seam. Neaten the seam using overcasting stitches **10 cm from Centre Front.** **(10mks)**

Managing the hem on the lower side and holding it using long and short tackings. **(7mks)**

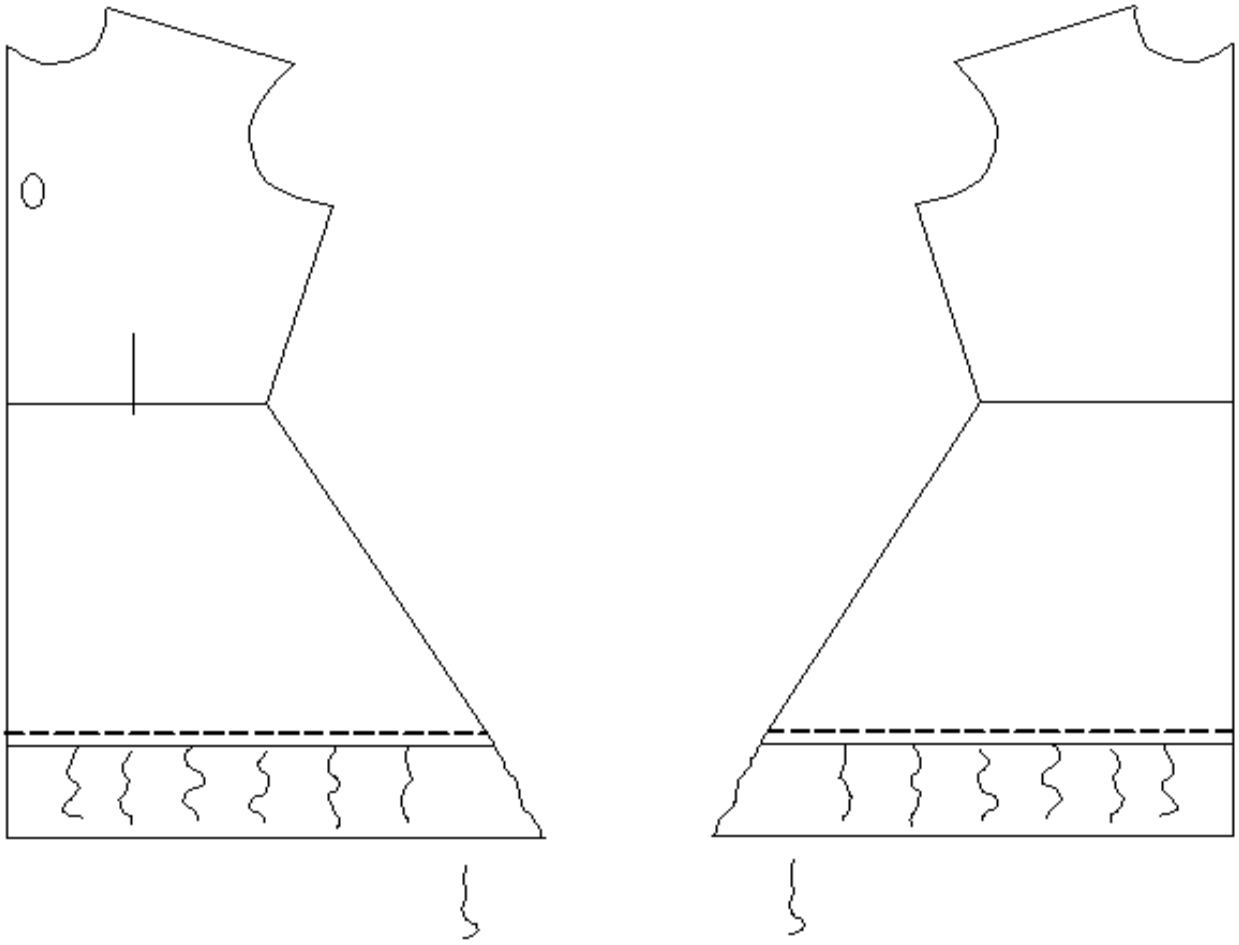
(i) Attaching the button. **(5mks)**

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 and pins from your work, fold your work neatly and place it in the envelope provided. Don't put scraps of fabric in the envelope.

LAYOUT (NOT DRAWN TO SCALE)



LAYOUT (NOT DRAWN TO SCALE)



TOP SCHOOLS PREDICTION

HOME-SCIENCE

TRIAL 6 PAPER 1

Time: 2 ½ Hours

NAME…… INDEX NO……..…

SCHOOL…….. SIGN……

DATE……....

INSTRUCTIONS TO CANDIDATES

a) *Write your name, index number, school and date in the spaces provided above.*
b) *This paper consists of 3 sections: A, B and C.*
c) *Answer all the questions in section A and B and any two questions from section C.*

For Examiner's Use Only

Section	Question	Maximum score	Candidate's score
A		40	
B		20	
C		20	
		20	
	Total score	100	

SECTION A (40 MARKS)

1. Stainless steel is the best material for making knives. Give two reasons for its popularity.**(2mks)**

2. Give the meaning of each letter in the acronym RICE in first aid. **(2mks)**

R……

I……

C……

E……

3. Mention three desirable characteristics of a duster. **(3mks)**

4. Give three characteristics of a well made French seam. **(3mks)**

5. List down four methods of neatening an open seam. **(2mks)**

6. List down three positive effects of advertising to a consumer. **(3mks)**

7. Mention three measures a person handling food should take to ensure the food does

not get contaminated. **(3mks)**

8. State two ways of ensuring that fresh milk at home is safe for consumption. **(2mks)**

9. Saucepans should be covered when cooking. Give three reasons for doing this. **(3mks)**

10. Food can be contaminated through various ways. Identify three ways in which food can be contaminated by a cook. **(3mks)**

11. Give two reasons for use of each of the following items in laundry work.

i) Fabric conditioner **(2mks)**

ii) Salt **(2mks)**

12. Mention two ways of preventing infections in a baby through the umbilical cord. **(2mks)**

13. Describe three ways of reinforcing the end of a machine stitched dart. **(3mks)**

14. List down two functions of openings. **(2mks)**

15. Give three disadvantages of using charcoal when cooking. **(3mks)**

SECTION B: COMPULSORY (20 marks)

16. You visited your aunt and are required to help her with household chores;

a) Describe the procedure you would use to thoroughly clean a discoloured melamine cup. **(9mks)**

b) Outline the procedure you would follow when cleaning water glasses. **(6mks)**

c) Explain how you would finish a white cotton table cloth. **(5mks)**

SECTION C:(40 marks)

Answer any TWO questions

17.a) Explain four ways in which old newspaper may be used when cleaning a house. **(4mks)**

b) Discuss five factors that may influence the frequency of cleaning a house. **(10mks)**

c) Mention four types of information which may be found on the labels of goods. **(4mks)**

d) Describe any two types of drainage found in modern homes. **(2mks)**

18.a) Discuss four factors that determine the method of cooking to be used. **(8mks)**

b) Mention five causes of malnutrition in Kenya today. **(5mks)**

c) Give three reasons for food fortification. **(3mks)**

d) Mentiontwo factors to consider when selecting fastenings. **(2mks)**

e) List down two qualities necessary for a fabric used for an apron. **(2mks)**

19.a) Describe three physical changes that occur in girls during adolescence. **(3mks)**

b) Mention four advantages of baking. **(4mks)**

c) Give three reasons why a mother may decide to deliver at home. **(3mks)**

d) Explain four dangers of teenage pregnancy. **(8mks)**

e) Mention any two types of thread. **(2mks)**

TOP SCHOOLS PREDICTION

HOME-SCIENCE

TRIAL 6 PAPER 2

(CLOTHING CONSTRUCTION)

Time: 2 ½ Hours

NAME…… INDEX NO……..…

SCHOOL…….. SIGN……

DATE……...

INSTRUCTIONS TO CANDIDATES

a) *Write your name, index number, school and date in the spaces provided above.*

INSTUCTIONS TO CANDIDATES

A pattern of a girls skirt 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** - BACK SKIRT
- **B** -LOWER FRONT SKIRT
- **C** - SKIRT YOKE
- **D** - FRONT WAIST BAND
- **E** - BACK WAIST BAND
- **F** - INTERFACING (CUT WAIST BANDS)

2. Plain light weighed cotton fabric 40cm long by 90cm wide.

3. Sewing thread to match

4. White 7 inches zip

5. On envelope.

THE TEST

Using the materials provided, cut out and make the LEFTHALF of the girls skirt to show the following

(a) Working of the back dart.

(b) Preparing and Stitching of the tucks on the lower skirt..

(c) Joining of the yoke to the lower skirt using aunneatened overlaid seam.

(d) Joining of the side seam using a neatened open seam and leaving the zip opening ready.

(e) Insertion of the zip fastener using semi-concealed method.

(f) Preparing and attachment of the interfaced waist bands.

(h) Cutting and working of the 1cm long button hole on the front waist band.

At the end of the examination firmly sew onto your works on single fabric, a label bearing your name and index number. Remove the needle, pins and loose threads from your work. Fold your work neatly and place it in the envelope provided.

All cut pattern pieces must be enclosed even if not used. However; do not put scraps of fabric in the envelope.

TOP SCHOOLS PREDICTION

HOME-SCIENCE

TRIAL 7 PAPER 1

Time: 2 ½ Hours

NAME…… INDEX NO……..…

SCHOOL…….. SIGN……

DATE……...

INSTRUCTIONS TO CANDIDATES

a) *Write your name, index number, school and date in the spaces provided above.*
b) *This paper consists of 3 sections: A, B and C.*
c) *Answer all the questions in section A and B and any two questions from section C.*

For Examiner's Use Only

Section	Question	Maximum score	Candidate's score
A		40	
B		20	
C		20	
		20	
	Total score	100	

SECTION A (40 MARKS)

1. Give **two** uses of talcum powder when applied to the feet **(2mks)**
2. State **two** points to consider when selecting a toilet brush **(2mks)**
3. Mention **two** important reasons for greasing and liming a cake tin **(2mks)**
4. Suggest **two** reasons why fish takes a shorter time to cook than meat **(2mks)**
5. State **three** reasons why wool is not suitable for sport wear **(1 ½mks)**
6. Name **three** layers of fabric which make up a pleat **(1 ½mks)**
7. Suggest **two** importance of sebaceous glands in relation to a healthy skin **(2mks)**
8. Highlight **two** ways of making a double pointed dart lie flat **(2mks)**

9. State **three** precautions to take when using dry cleaning agents **(1½mks)**

10. Give **four** precautions to take when lendering loose colours garments **(2mks)**

11. List **four** areas in an a article where interfacing is a pplied **(2mks)**

12. Name **three** methods of managing hens **(1 ½mks)**

13. State **two** important points on the care of labels **(2mks)**

14. Identify **two** problems that may be encountered when planning a meal for vegetarians **(2mks)**

15. Give **two** reasons why low heeled shoes are recommended for a pregnant mother **(2mks)**

16. State **two** reasons that make a blend of cooking fat and margarine most suitable for making parties **(2mks)**

17. Suggest **two** causes of craking in ceramic charcoal store **(2mks)**

18. Give **two** reasons why some international disorders are referred to as lifestyle related **(2mks**

19. State any **two** functions of riboflavine **(2mks**

20. Complete the table on primary and secondary colours

Primary colours	Secondary colours
Yellow +_____	_____
Blue +_____	Green
_____+Red	Purple

21. Mention any two disadvantages of supplementary feeding **(2mks)**

SECTION B 20 MARKS)

Answer questions 22 in the spaces provided

22. You have been left at your rural home with your small brother.Describe how you would carry out the following cleaning processes

(a) Laundering a fast colored cotton blouse with a wax stain **(10mks)**

(b) Clean an aluminum pan that has been used to cook ugali **(5mks)**

(c) Daily clean an earthened pit-latrine **(5mks)**

SECTION C (40 MARKS)

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

23. **(a)** State any **five** uses of water in the body **(5mks)**

(b) With aid of diagram ,explain how to filter water at home using homemade filter **(5mks**

(c)Highlight **five** measures that should be taken to ensure that water storage containers are safe for use **(5mks)**

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

(b)Sate **four** rules for darming clothes **(4mks)**

(c) Highlight **three** features of a well cut out crown of a sleeve **(3mks)**

(d) Discuss the process of setting in a plain sleeve **(10mks)**

25. (a)List **five** rights of a consumer **(5mks)**

(b)Define quarantee in relation to consumer buying **(2mks)**

(c) Explain **three** factors why polythene bags are popularly used in refrigerators to pack foods **(6mks)**

(d) Giving specific examples ,state the meaning of each of the following terms **(6mks)**

(i) Dovetailing

(ii) Sequencing

(iii) Pre-paration

(e) Give any **two** functions of teeth **(1mk)**

TOP SCHOOLS PREDICTION

HOME-SCIENCE

TRIAL 7 PAPER 2

(CLOTHING CONSTRUCTION)

Time: 2 ½ Hours

NAME…… INDEX NO……..…

SCHOOL…….. SIGN……

DATE……...

INSTRUCTIONS TO CANDIDATES

a) *Write your name, index number, school and date in the spaces provided above.*

QUESTIONS

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

Materials provided

1. Pattern pieces for the blouse
   A-Blouse front
   B-Blouse back
   C-Collar
   D-Pocket
2. Left weight plain cotton fabric 50cm long by 90 cm wide.
3. Sewing thread to match
4. One large envelope

THE TEST:

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

(a) Making of an open seam at the shoulders **($4_1/_2$mks)**

(b) Making of the side seam using a French seam **($3^1/_2$mks)**

(c) Neatening of the blouse front facing **(2mks)**

(d) Preparation of the collar **(5mks)**

(e) Attachment of the collar,use hemming stitches at the Back.

(f) Hold the facing on to the blouse using dioaggonal tacks.DONT REMOVE **(6 1/2mks)**

(g) Preparation and attachment of the patch pocket **(6mks)**

(h) Management of the blouse hem

(i) Use even tacking to hold the hem DO not remove **(1 $1/_2$mks)**

(ii) Use machine hemming **(2mks)**

- At the end of the examination, remove all pins; firmly sew onto your work, on a single fabric label bearing your name and index number.
- Fold your work carefully and place it in the envelope provided .Do not put scraps of materials in the envelope.

TOP SCHOOLS PREDICTION

HOME-SCIENCE

TRIAL 8 PAPER 1

Time: 2 ½ Hours

NAME…… INDEX NO……..…

SCHOOL…….. SIGN……

DATE……...

INSTRUCTIONS TO CANDIDATES

a) *Write your name, index number, school and date in the spaces provided above.*
b) *This paper consists of 3 sections: A, B and C.*
c) *Answer all the questions in section A and B and any two questions from section C.*

For Examiner's Use Only

Section	Question	Maximum score	Candidate's score
A		40	
B		20	
C		20	
		20	
	Total score	100	

SECTION A (40 MARKS)

Answer All The Questions In This Section In The Spaces Provided.

1. Mention two methods used to coat food before frying **(2mks)**
2. Name four foods that can be given to child in the management of kwashiorkor. **(4mks)**
3. Name two seams commonly used when joining side seams of heavy fabric. **(2mks)**
4. State two dangers of smoking during pregnancy **(2mks)**
5. Which two reasons make stainless steel unsuitable for cooking food. **(2mks)**
6. In two well stated points. Say why babies who are fed on formula diarrhea. **(2mks)**
7. Mention two advantages of having labels on consumer products. **(2mks)**

8. Two qualities of a well made sleeve. **(2mks)**
9. Suggest four ways of decorating an apron **(2mks)**
10. State four different forms in which laundry soap is found. **(4mks)**
11. Mention any two categories of conveniences foods. **(2mks)**
12. List down any two uses of salt in flour mixtures. **(2mks)**
13. State two advantages of making personal clothes **(2mks)**
14. Give any 3 reasons for food preservation. **(3mks)**
15. Which are the two major forms of malnutrition? **(2mks)**
16. Outline any 3 precautions to take when using Kerosene as a fuel. **(3mks)**
17. Identify any 2 disadvantages of credit buying. **(2mks)**
18. Outline any 2 characteristics of a well- made French seam. **(2mks)**
19. State any 2 ways in which sodium is lost in the body **(2mks)**
20. Mention any three skin infections that can occur if the skin is not given proper care. **(3mks)**

Section B- (20mks) Compulsory

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

SECTION C.

Select And Answer Any Two Questions From This Section.

22 (a) State four points consider when choosing personal accessories.
(b) State and explain any qualities of a well made in – seam pocket **(6mks)**
(c) Give any two reasons for each of the following in clothing construction
i) Top stitching
ii) Stay – stitching
iii) Snipping

(d) Giving specific examples of colours from the colour wheel, describe the following colour schemes commonly used in interior decorations.
i) Analogous colour scheme. **(2mks)**
ii) Split complementary colour scheme **(2mks)**
(c) Explain 3 points to consider when choosing soft furnishings in the home. **(6mks)**
(d) Point out four requirements of a good kitchen floor. **(4mks)**

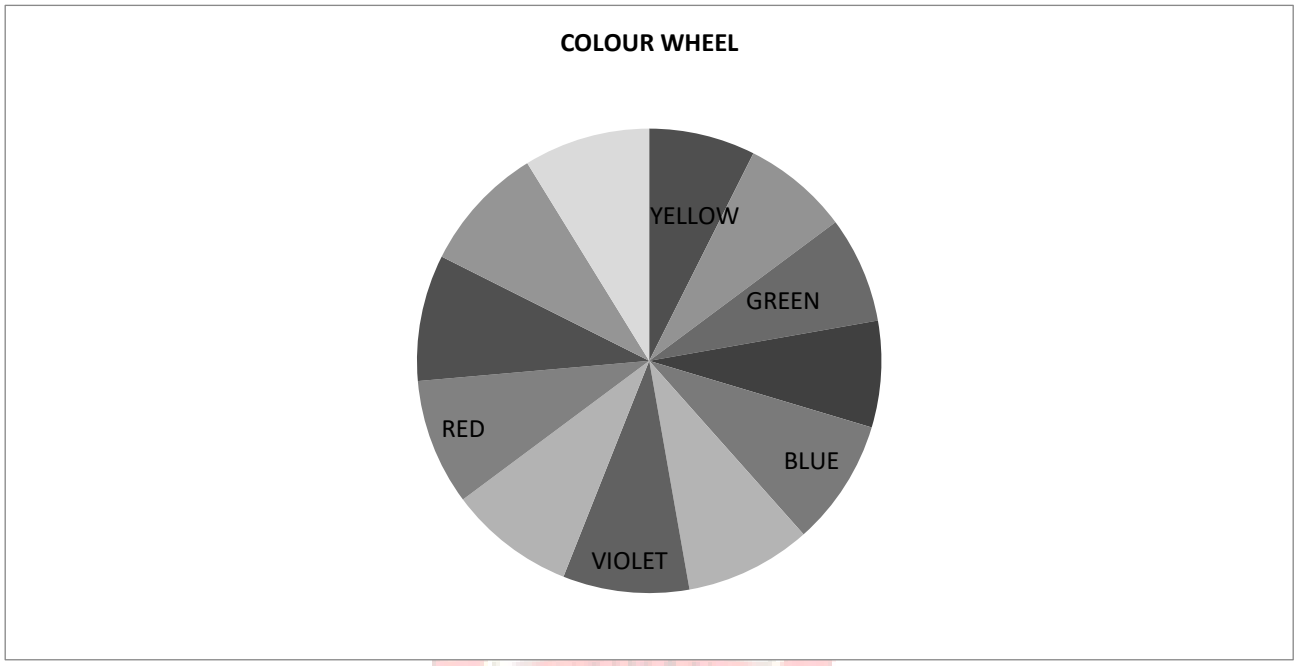
23. (a) Outline five reasons for finishing plain wooden surfaces. **(5mks)**

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

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

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

24. Insert the correct colours in the wheel to show a colour wheel. **(5mks)**



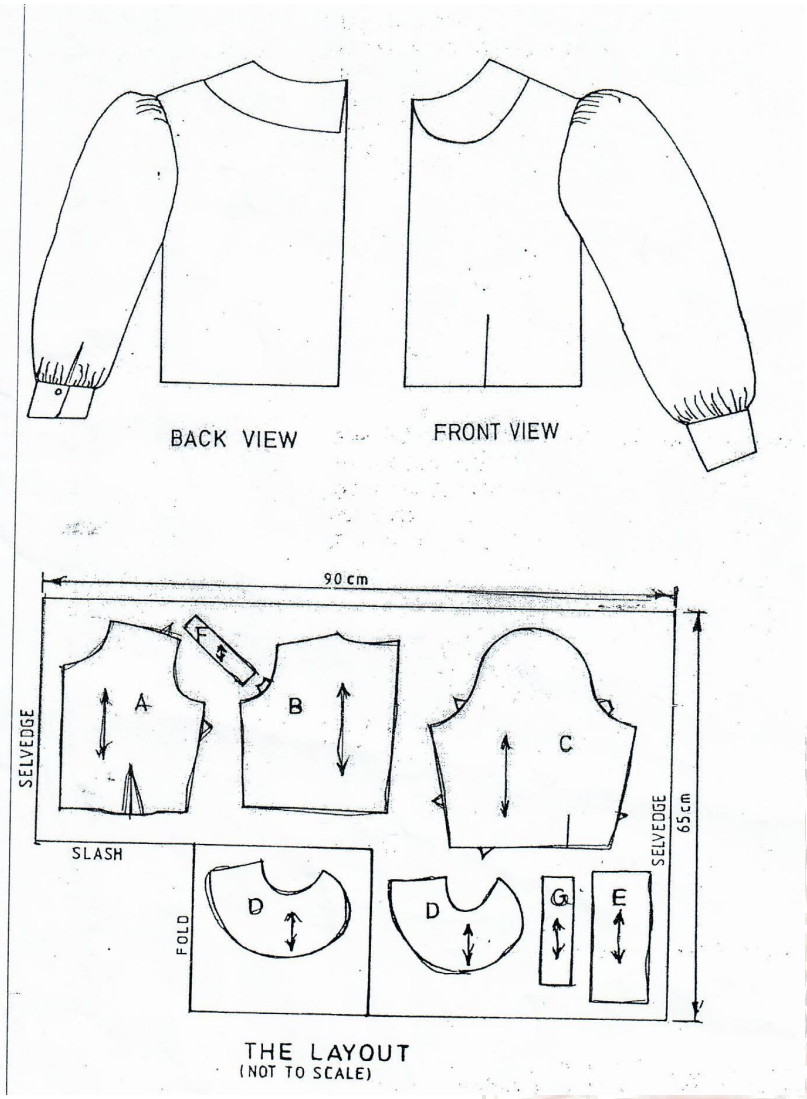
(d) List down four different types of collars**.** **(4mks)**

441/2
Home science
(clothing construction)
Paper 2
Practical

CONFIDENTIAL

Provide each student with the following

1) 65 cm by 90 cm wide light weigh cotton fabric.
2) Sewing cotton thread to match the fabric
3) One button 1 cm in diameter.


BACK VIEW
FRONT VIEW
90 cm
65 cm
SELVEDGE
SELVEDGE
SLASH
FOLD
A
B
C
D
D
E
F
G
THE LAYOUT
(NOT TO SCALE)

TOP SCHOOLS PREDICTION

HOME-SCIENCE

TRIAL 8 PAPER 2

(Clothing Construction)

Time: 2 ½ Hours

NAME…… INDEX NO……..…

SCHOOL…….. SIGN……

DATE……...

INSTRUCTIONS TO CANDIDATES

a) *Write your name, index number, school and date in the spaces provided above.*

CONFIDENTIAL

Provide each student with the following

1) 65 cm by 90 cm wide light weigh cotton fabric.
2) Sewing cotton thread to match the fabric
3) One button 1 cm in diameter.

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

1. **MATERIALS PROVIDED**

Pattern pieces

A Front bodice

B Back bodice

C sleeve

D Collar

E cuff

F Neck binding

G Sleeve opening strip

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

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

3. Sewing cotton thread to match the fabric

4. One button 1 cm in diameter.

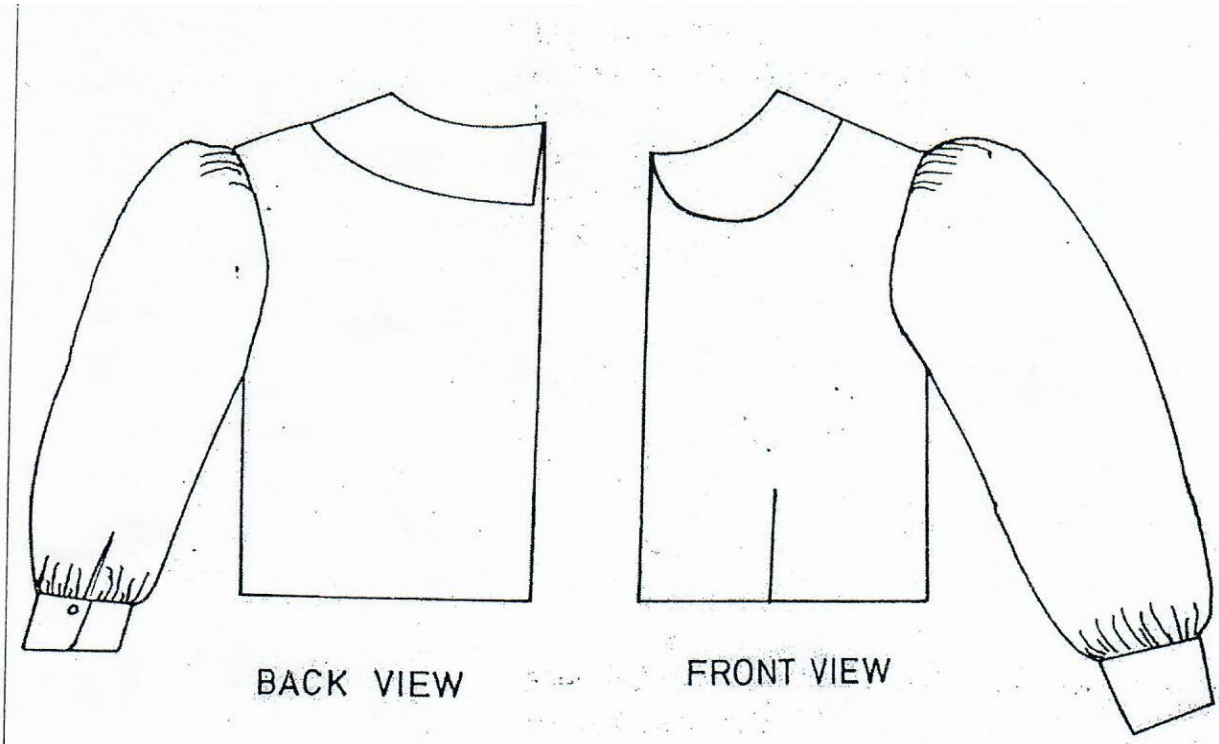
THE TEST

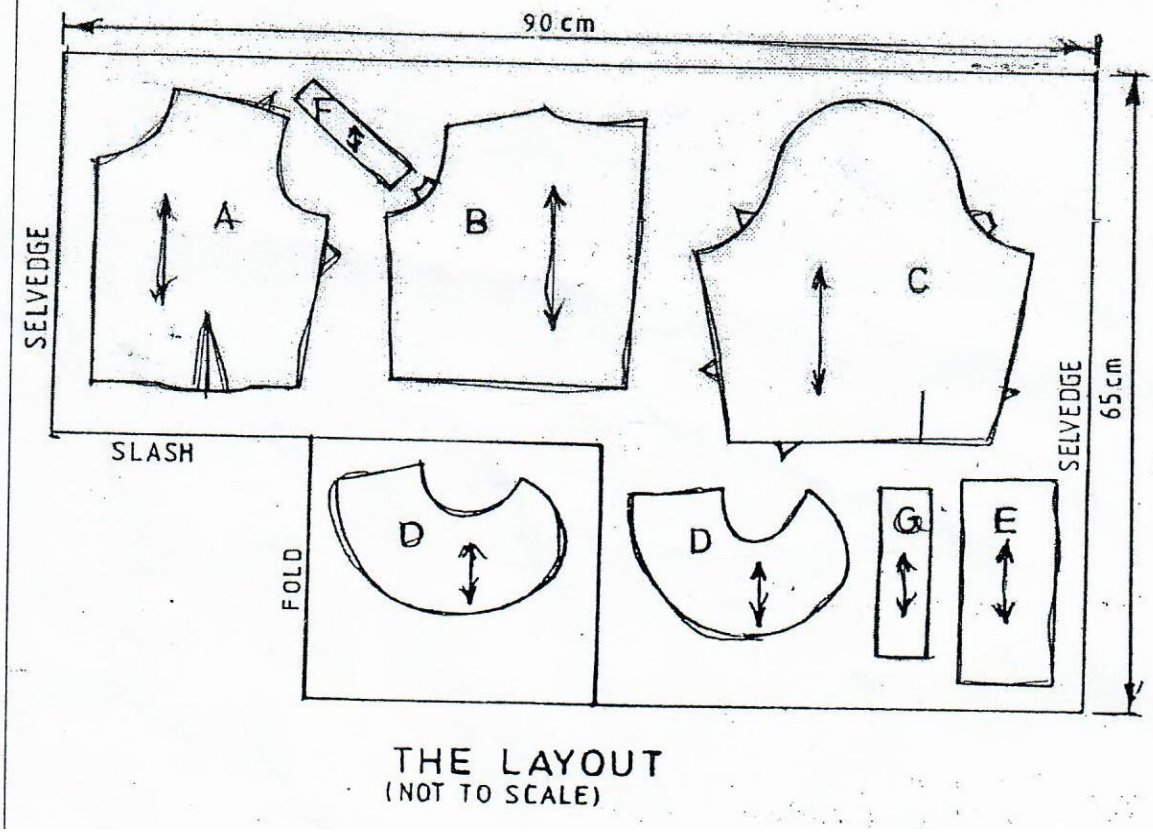
Using the materials provided , cut and make the left half of child's dress bodice to show the following:-

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

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

DO NOT put scraps of fabric in the envelope.





THE LAYOUT
(NOT TO SCALE)

TOP SCHOOLS PREDICTION

HOME-SCIENCE

TRIAL 9 PAPER 1

Time: 2 ½ Hours

NAME…… INDEX NO……..…

SCHOOL…….. SIGN……

DATE……...

INSTRUCTIONS TO CANDIDATES

a) *Write your name, index number, school and date in the spaces provided above.*
b) *This paper consists of 3 sections: A, B and C.*
c) *Answer all the questions in section A and B and any two questions from section C.*

For Examiner's Use Only

Section	Question	Maximum score	Candidate's score
A		40	
B		20	
C		20	
		20	
	Total score	100	

SECTION A (40 MARKS)

Answer ALL the questions in this section

1. State **two** qualities of travel wear **2 Marks**
2. Give **four** reasons for cleaning a house regularly **2 Marks**
3. State **two** limitations of nylon fabric for layette **2 Marks**
4. Give **two** reasons why steaming is a ideal working method for invalids **1 Mark**
5. State **three** preventive measures you would take to prevent dandruffs **3 Marks**
6. State **two** qualities of a good kitchen floor **2 Marks**
7. Define food fortification **1 Mark**
8. List four laundry process that are harmful to woolen fabrics and in each case state the harm caused **4 Marks**

9. State **two** ways of providing variety in colour in meal planning and management **2 Marks**

10. Explain **two** reasons for using facings in garment construction **2 Marks**

11. Identify **two** uses of lampshades when using lighting fixtures **2 Marks**

12. State **two** importance of calcium for a pregnant woman **2 Marks**

13. Differentiate between a bias strip and a straight strip **2 Marks**

14. While using grease solvents, one should be careful mention two precautionary measures to take **2 Marks**

15. Give **four** and symptoms of a person suffering from diabetes mellitus **2 Marks**

16. Identify **two** disadvantages of using credit cards **2 Marks**

17. Highlight **three** methods of controlling pollution in public places **3 Marks**

18. Outline **two** considerations to be made before buying fastenings **2 Marks**

19. State **two** reasons for blanching vegetables before freezing **2 Marks**

SECTION B: (20 MARKS)

Answer ALL the questions in this Section **.**

20. You are left to take care of the home while your parents are away for a seminar

a. Describe the procedure of cleaning a neglected kitchen sink **9 Marks**

b. Explain the cleaning of a wooden framed portrait **8 Marks**

c. Wash a polyester pillowcase **3 marks**

SECTION C: (40 MARKS)

Answer any two questions from this section

21. a. Pockets are important features in garments. They can be used for functional and decorative purposes. Suggest **four** factors you would consider when choosing a pocket **4 Marks**

b. Briefly explain the procedure of making a hem on a straight skirt **8 Marks**

c. Explain **four** ways by which faced – slit opening would be made decorative. **8 Marks**

22. a. Discuss **four** points to observe when preparing rechauffe′ dishes **8 Marks**

b. Explain **three** general rules on pastry making **6 Marks**

c. Give **three** advantages and **three** disadvantages of a gas cooker **6 Marks**

23. a. Explain **four** factors that may affect normal foetal development **8 Marks**

b. Explain the role of play in child development under the following sub headings

i. Physical development **2 Marks**

ii. Social development **2 Marks**

ii. Mental development **2 Marks**

c. Describe six qualities of a toy suitable for a six month old baby **6 Marks**

TOP SCHOOLS PREDICTION

HOME-SCIENCE

TRIAL 9 PAPER 2

Clothing and Textiles

Time: 2 ½ Hours

NAME…… INDEX NO……..…

SCHOOL…….. SIGN……

DATE……...

INSTRUCTIONS TO CANDIDATES

a) *Write your name, index number, school and date in the spaces provided above.*

QUESTIONS

A pattern of dress bodice is provided.

You are advised to study the question paper the sketches and the lay out before you begin the test.

MATERIALS PROVIDED

Pattern pieces for the dress:

1. *A- Front*
   B – Back

   C - Sleeve

   D – Tie collar

   E – Yoke

   F – Sleeve facing
2. Plain light weight cotton fabric 67cm long by 91cm wide.
3. Sewing thread to match the fabric.

THE TEST

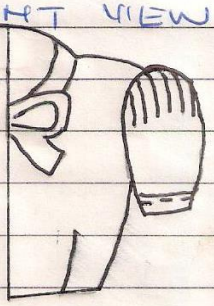
Using the materials provided, cut out and make up the RIGHT HALF of the dress bodice to show the following:

a) The attaching of the back yoke to the back bodice using an overlaid/lapped seam.
b) The working of the waist dart.
c) The neatening of the raw edge of the front facing.
d) Joining of the shoulder seam using any seam.
e) The attaching of the collar including the preparation of the tie collar extension.
f) The joining of the side seam using a neatened open seam.
g) The preparation of the sleeve using a neatened open seam for the underarm seam
h) The preparation and attaching of the sleeve facing to the right of the sleeve.
i) The attaching of the sleeve to the bodice and neatening half of the armhole seam.
j) The working of the top buttonhole.

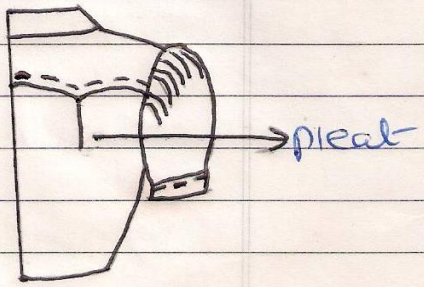
At the end of the examination, firmly sew on to your work, on a single fabric, a label bearing your name and index number. Remove the needle and pins from your work. Then fold your work carefully and place it in the envelope provided. Do not put scraps of materials in the envelope.

CHILD'S DRESS BODICE

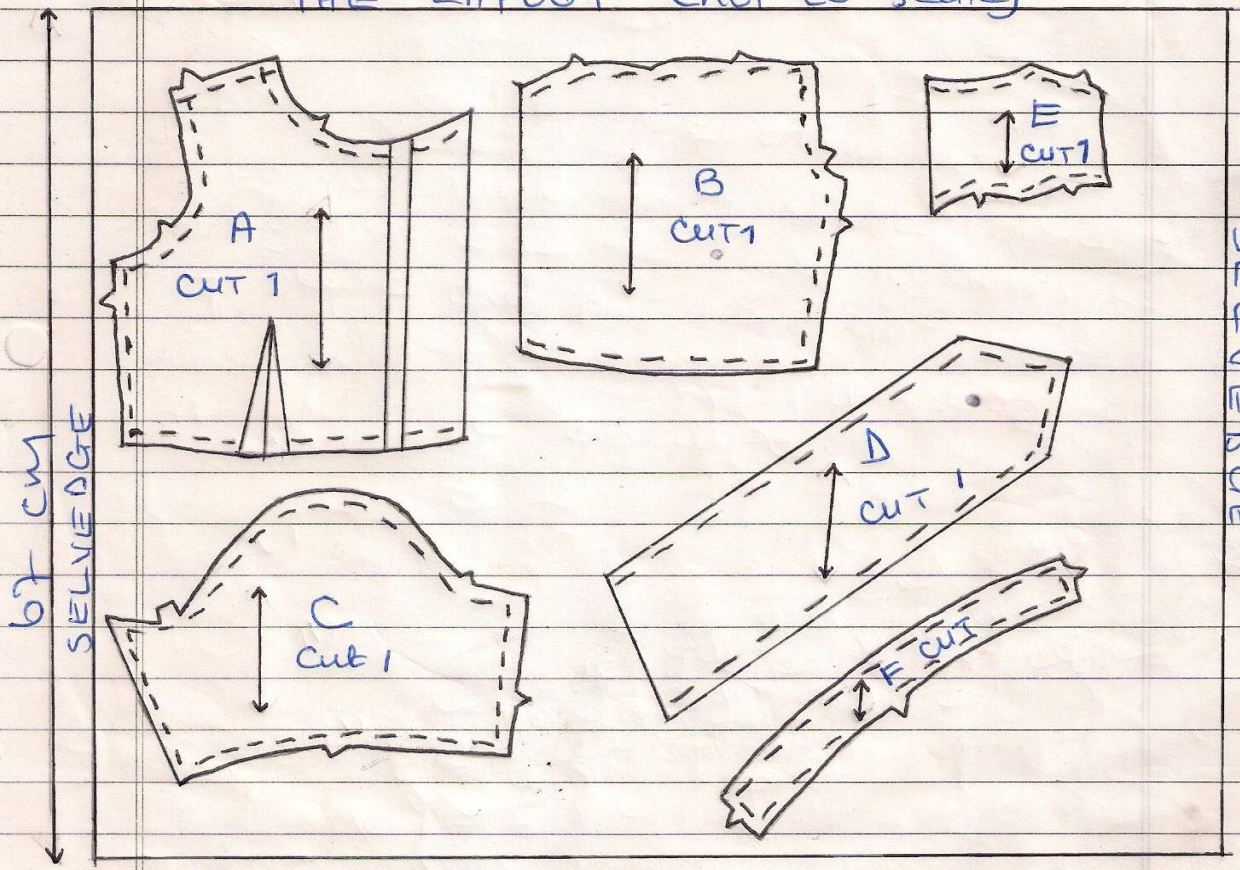
FRONT VIEW



BACK VIEW



THE LAYOUT (not to scale)



TOP SCHOOLS PREDICTION

HOME-SCIENCE

TRIAL 10 PAPER 1

Time: 2 ½ Hours

NAME…… INDEX NO……..…

SCHOOL…….. SIGN……

DATE……...

INSTRUCTIONS TO CANDIDATES

a) *Write your name, index number, school and date in the spaces provided above.*
b) *This paper consists of 3 sections: A, B and C.*
c) *Answer all the questions in section A and B and any two questions from section C.*

For Examiner's Use Only

Section	Question	Maximum score	Candidate's score
A		40	
B		20	
C		20	
		20	
	Total score	100	

SECTION A (40 MARKS)

Answer ALL the questions from this section in the spaces provided

1. Give **two** reasons for folding clothes when storing. **(2 marks)**
2. Give **two** reasons for thawing frozen food completely before cooking. **(2 marks)**
3. State **two** points to note on the care of ears when cleaning your face daily. **(2 marks)**
4. Give **two** importance of classifying clothes before storage. **(2 marks)**
5. Identify **two** ways of preventing insect bites and stings. **(2 marks)**
6. Mention **two** disadvantages of cross method of ventilating a room. **(2 marks)**
7. State **two** disadvantages of roasting as a method of cooking food. **(2 marks)**
8. Name **two** categories of convenience foods. **(2 marks)**

9. Differentiate between a dart and a pleat in clothing construction. **(2 marks)**
10. State **two** ways of saving energy when lighting a home. **(2 marks)**
11. Define simmering in cookery. **(1 mark)**
12. List **two** food substances used for coating food during deep frying of foods. **(2 marks)**
13. Identify **two** characteristics of fabric which develop static electricity. **(2 marks)**
14. State **two** advantages of using self-neatening seams in garment construction. **(2 marks)**
15. Give **two** causes of drowning in children. **(2 marks)**
16. Give **two** reasons why aluminium is widely used in making kitchen equipment. **(2 marks)**
17. Give **two** functions of water in the body. **(2 marks)**
18. State **two** properties that make linen suitable for making kitchen tea towels. **(2 marks)**
19. Mention **three** qualities of a well-made seam. **(3 marks)**
20. Give **two** reasons why hot water is not suitable for cleaning wooden surfaces. **(2 marks)**

SECTION B (20 MARKS)
COMPULSORY

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

SECTION C (40 MARKS)

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

22. a) State **six** signs of pregnancy. **(6 marks)**
b) Identify any **six** problems that may arise during pregnancy which need to be reported to the doctor. **(6 marks)**
c) Mention any **three** points on meeting the following needs of an expectant woman.
i) Physical needs **(3 marks)**
ii) Emotional needs **(3 marks)**
d) Define haemorrhoids and give their cause in pregnancy. **(2 marks)**

23. a) Give **five** reasons for caring for the stick at home. **(5 marks)**
b) Mention **five** factors to consider when packing meals. **(5 marks)**
c) State **five** factors to consider when choosing fastenings. **(5 marks)**
d) Discuss **five** ways of conserving nutrients when cooking vegetable. **(5 marks)**

24. a) State **six** desirable qualities of fabric for making curtains. **(6 marks)**
b) Explain **four** uses of openings in garment construction. **(8 marks)**
c) Explain **three** reasons for ironing / pressing garments at every stage of construction. **(6 mks)**

TOP SCHOOLS PREDICTION

HOME-SCIENCE

TRIAL 10 PAPER 2

Clothing And Textiles (Practical)

Time: 2 ½ Hours

NAME…… INDEX NO……..…

SCHOOL…….. SIGN……

DATE……...

INSTRUCTIONS TO CANDIDATES.

Each candidates is required to have the following

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

QUESTIONS

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

MATERIALS PROVIDED.

1. Pattern pieces.
   - *A short front*
   - *B Short back*
   - *C Pocket*
   - *D Waistband*
   - *E Front short facing*
   - *F Back short facing*
2. Plain light weight cotton fabric 50cm long by 90cm wide.
3. Cotton sewing thread to match the fabrics
4. One large envelope

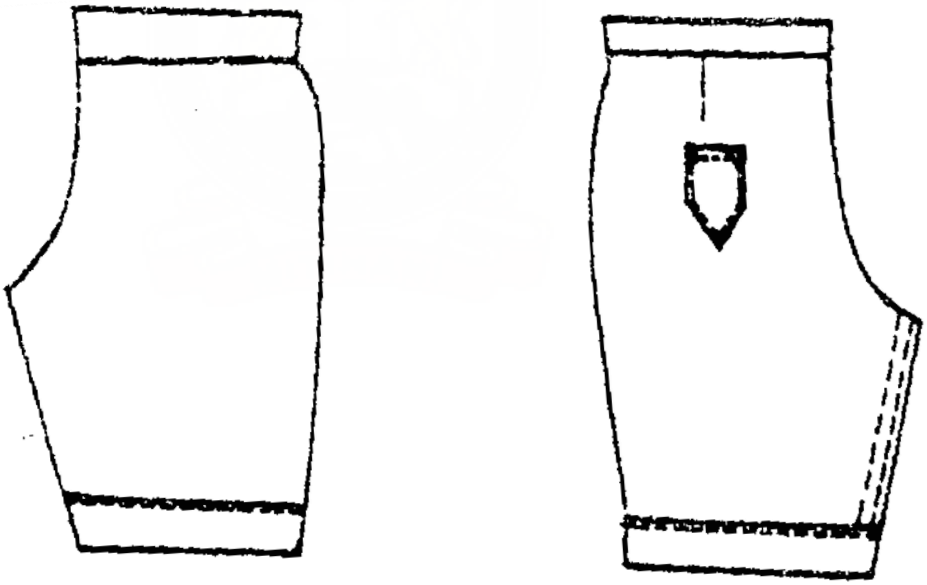
THE TEST

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

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

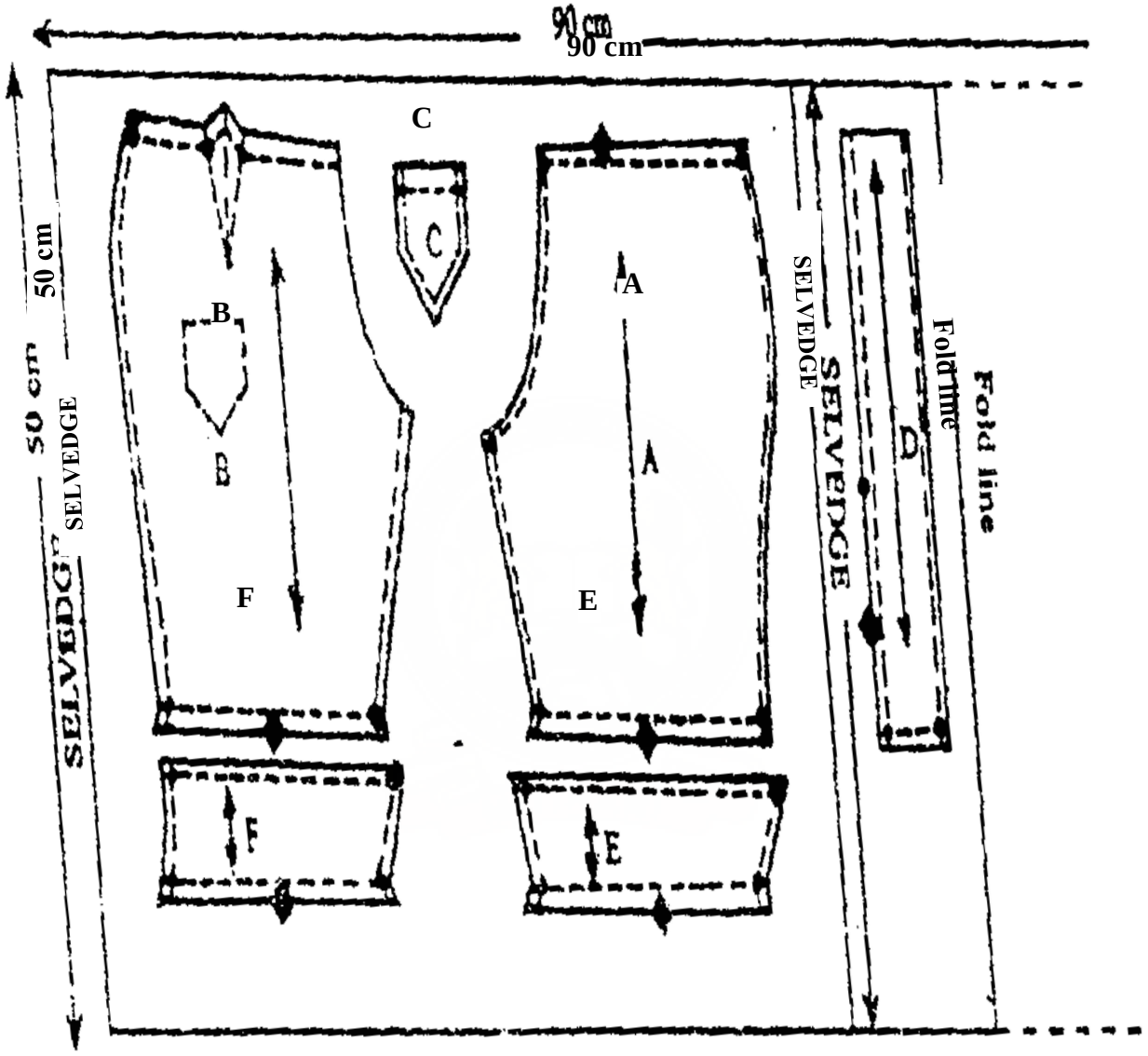
At the end of the examination firmly sew on your work on a single fabric a label bearing your name and index number. Remove the needles and pins from your work then fold your work neatly and place it in the envelope provided. Do not put scrapes of fabric in the envelope.

VIEW OF PAIR OF SHORTS



FRONT **BACK**

LAYOUT (NOT DRAWN TO SCALE)


90 cm
90 cm
50 cm
50 cm
SELVEDGE
SELVEDGE
SELVEDGE
Fold line
Fold line
C
C
B
B
A
A
F
F
E
E
D

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A SET OF POSSIBLE KCSE QUESTIONS

CONTACT THE FOLLOWING OFFICIAL CONTACTS FOR MORE LEARNING RESOURCES.

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- ✓ ONLINE TUITION
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- ✓ TERMLY EXAMS
- ✓ QUICK REVISION KITS
- ✓ KCSE TOPICALS
- ✓ KCSE PREMOCKS
- ✓ CROSSCOUNTRY PREMOCKS
- ✓ JOINT PREMOCKS
- ✓ KCSE MOCKS &CROSSCOUNTRY MOCKS
- ✓ JOINT MOCKS
- ✓ KCSE POSTMOCKS
- ✓ CROSSCOUNTRY PREDICTIONS
- ✓ KCSE PREDICTIONS &REVEALED SETS
- ✓ MWALIMU MOCKS SERIES
- ✓ NATIONAL SCHOOLS MOCKS
- ✓ SUBJECTS JOINT MOCKS
- ✓ JOINT PREMOCKS
- ✓ CBC RESOURCES
- ✓ KASNEB RESOURCES
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CALL/TEXT/WHATSAPP

0746 222 000

mwalimuagency@gmail.com

TO ALL KCSE CANDIDATES;

SUCCESS IN YOUR KCSE EXAMS.

WE PRAY FOR YOUR SUCCESS

BY; MWALIMU AGENCY TEAM.

CAUTION TO KCSE CANDIDATES:

IN CASE / ON EVENT YOU REALIZE PART OF THESE QUESTIONS WERE DIRECTLY OR INDIRECTLY LIFTED IN THE FINAL KCSE EXAMS, PLEASE, DO NOT PANIC!

KILA LA HERI