

# KCSE 2023 PREDICTION CYCLES



## HOME SCI PAPER 1 & 2



### KCSE 2023 TOP PREREDICTION CYCLE 1-5

#### CLASS OF KCSE 2023 NOVEMBER

*The set Comprises of 5 Prediction Cycles prepared by a panel of Top Writers from KNEC Nairobi HQ*

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*Kenya Educators Consultancy is proud to announce that in KCSE 2022 National Examination, More than 55% of our predictions from the same panelists appeared in the national exam (KCSE)*

All KCSE 2023 November Candidates are advised to take the questions in this package of predictions serious as they prepare for the national exams!

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**Confidential!!!**

*All the best to all KCSE 2023 Candidates as they prepare for the national exams*

## KENYA EDUCATORS CONSULTANCY

Name..... Index No: .....

Candidate's Signature ..... Class .....

441/1  
HOME SCIENCE  
PAPER 1  
THEORY  
TIME: 2 ½ HOURS

# KCSE 2023 TOP PREDICTION MASTER CYCLE 1

Kenya Certificate of Secondary Education (K.C.S.E.)

441/1  
Home Science  
Paper 1  
2 ½ hours

## INSTRUCTIONS TO CANDIDATES

- Answer all questions in section A in the spaces provided
- Section B is compulsory
- Choose any two questions from section C
- This paper consists of 14 printed pages
- Do not remove any pages from this booklet.
- Answer all questions in English.
- Candidates should check to ascertain that all pages are printed as indicated and that no questions are missing.

## FOR EXAMINERS USE ONLY

SECTION	Question	Maximum score	Candidate's score
Section A	1-39	40	
Section B	40	20	
Section C	41-43	40	
Total score		100	

This paper consists of 14 printed pages. Check to ensure all pages are printed and that no question is missing.

1. Give two uses of fruits in cake making . (1mark)

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2. Name two types of pleats (1 mark)

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3. Name the biological raising agent used in bread making (1mark)

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4. List two methods of incorporating air into flour mechanically (1mark)

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5. Give two functions of sebum (1mark)

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6. State two ways in which a country with home scientists will benefit (1mark)

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7. Mention two minerals needed for healthy teeth (1mark)

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8. List any two ways of finishing wood (1mark)

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9. Mention two advantages of charcoal as a fuel (1mark)

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10. Define the following terms: (1mark)

a) Fixed dirt

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b) Fracture

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11. Identify other two causes of anaemia other than nutritional deficiency (1mark)

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12. Give two reasons for food fortification (1mark)

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13. Highlight two ways of conserving vitamin C during the storage of kales (1mark)

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14. Mention two signs and symptoms of marasmus (1mark)

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15. Write the following abbreviations in full (1mark)

a) AIDS

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b) TBA

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16. Give two functions of the S and U bend below every sink in the disposal of waste water from the house (1mark)

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17. Detergents are classified into two groups. Name them (1mark)

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18. Mention two rules to observe in stain removal (1mark)

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19. Name two the stain removal agents used in removing a banana sap stain from your t-shirt (1mark)

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20. Identify two methods suitable for disinfecting a kitchen towel (1 mark)

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21. List two ingredients used in the making of laundry blue (1 mark)

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22. Give two points to observe when taking body measurements (1 mark)

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23. Name two conspicuous seams used to bring out style features in garment construction (1 mark)

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24. Give two examples of stitches used to neaten raw edges (1 mark)

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25. Mention two possible causes of stitches looping when sewing with a sewing machine (1 mark)

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26. List two examples of haberdashery / sewing notions in garment construction (1 mark)

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27. Give two ways you can identify elastofibres physically (1mark)

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28. Outline two examples of synthetic fibers (1mark)

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29. Differentiate between aerobic and anaerobic food spoilage (1mark)

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30. Apart from kitchen knife, identify one other type of knife and give its function. (1mark)

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31. State two roles of advertisements (1mark)

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32. Point out two styles of food service (1mark)

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33. Outline two functions of darts in clothing and construction processes (1mark)?

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34. List two examples of basic pattern symbols and markings in garment construction (1 mark)

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35. Identify suitable textile fiber for making lingerie (1 mark)

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36. Mention two methods of treating water at home (1 mark)

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37. Give two reasons for cleaning a house (1 mark)

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38. Outline two advantages of flats/apartments type of houses (1 mark)

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39. Suggest two ways of managing foreign body in the ear (1 mark)

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40. Mention two dangers that arise from misuse of cosmetics (1 mark)

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**SECTION B (Answer all the questions)**

41. You are doing thorough cleaning at home on a Saturday morning. Describe how to;

- a) Clean a white washable cotton mask you had used the previous day. (8marks)
- b) Sweep an earthen sitting room floor (7marks)
- c) Wash a Calabash that had been used to take porridge in the morning for breakfast.(5 marks)

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**SECTION C (Answer only two questions from this section.)**

42.

- a) Explain four factors to consider when planning meals(4marks)
- b) Explain three merits of credit cards (3marks)
- c) Explain four importance of immunization (4marks)
- d) Describe how to make hand worked gathers (4marks)
- e) State five points on the choice of brooms and brushes (5marks)

43.

- a) Outline three steps in preparing a budget (3marks)
- b) Give the importance of table setting (4marks)
- c) Explain the importance of breastfeeding to a child (3marks)
- d) Outline four qualities of a well-made stitch (4marks)
- e) Explain three ways in which detergents aid in removal of dirt (6marks)

44.

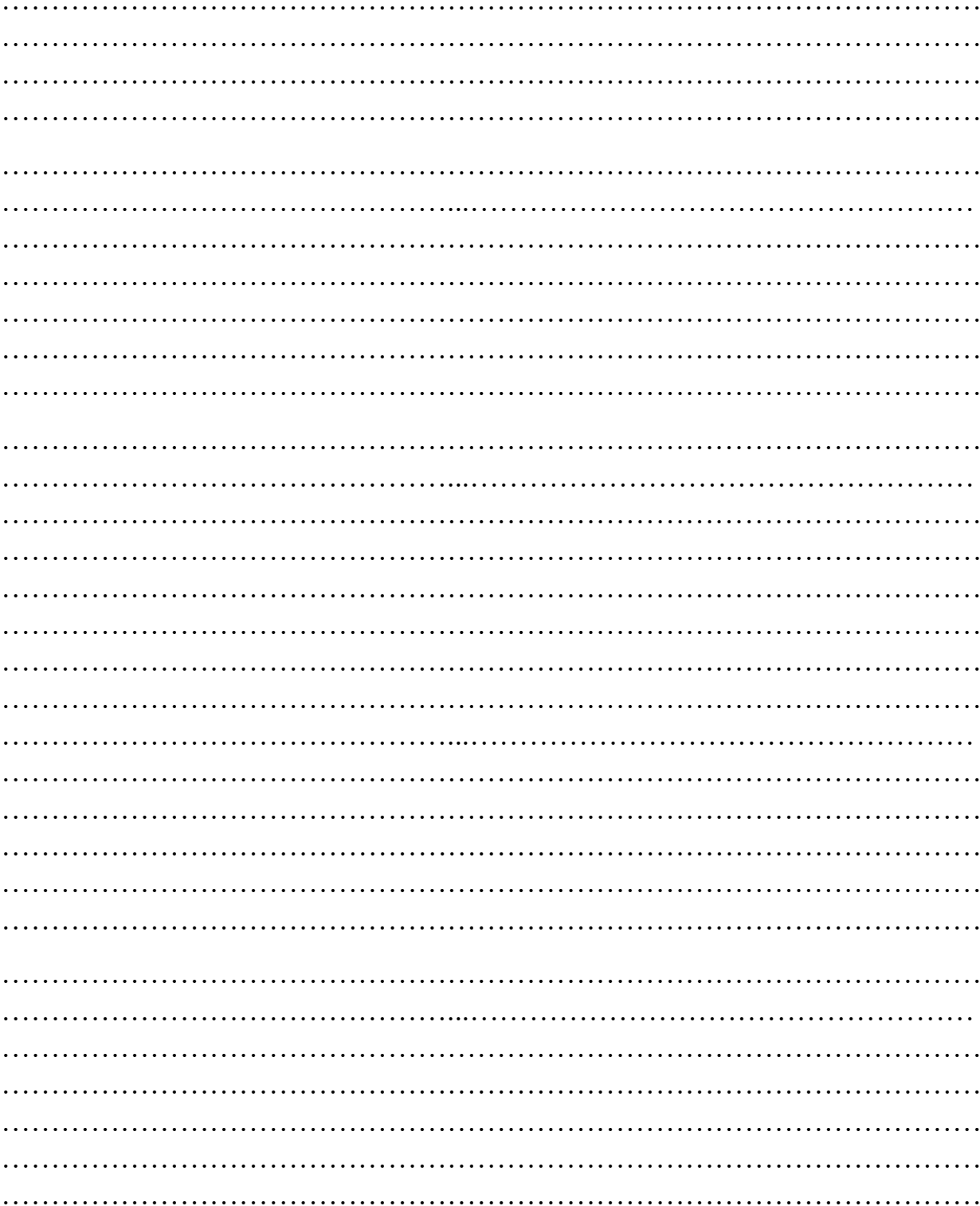
- a) Explain three reasons for making a shopping list prior to the actual buying (3marks)
- b) Use the following dishes to organize a breakfast menu (3marks)  
Tea with milk, Fried liver, Boiled arrowroot, Fresh passion juice, Wimbi porridge
- c) Explain four ways of handling temper tantrums during habit training (4marks)
- d) Describe how to make a plain seam on a skirt yoke (4marks)
- e) Draw six care labels on drying in laundry work and explain the meaning of each (6marks)

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441/2

CLOTHING AND TEXTILES

PAPER 2

PRACTICAL

2½ HOURS

## **KCSE 2023 TOP PREDICTION MASTER CYCLE 1**

### **INSTRUCTIONS TO SCHOOLS**

The following materials will be provided by the school

1. Plain light weight cotton 55 cm long by 70cm wide
2. Cotton sewing thread to match the fabric
3. Embroidery thread 130cm long
4. A4 envelope

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

**These instructions consist of 1 printed page**

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NAME: ..... CLASS: ..... ADM. NO.....  
SIGNATURE: .....  
DATE:.....

**441/2**  
**HOME SCIENCE (CLOTHING CONSTRUCTION)**  
**PAPER 2**  
**PRACTICAL**  
**Time: 2 ½ hours**

# **KCSE 2023 TOP PREDICTION MASTER CYCLE 1**

**Kenya Certificate of Secondary Education**

**HOME SCIENCE**

**(CLOTHING CONSTRUCTION)**

**PAPER 2**

**PRACTICAL**

**TIME: 2 ½ HOURS**

## **Instructions to candidates**

- *This paper consists of 3 printed pages.*
- *Candidates should check the question paper to ascertain that all pages are printed and no questions are missing.*

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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 - Dress Front
  - B - Dress Back
  - C - Yoke
  - D - Pocket
2. Plain light weight cotton fabric 70cm wide by 55cm long.
3. Cotton thread to match the fabric.
4. Embroidery thread 130cm long.
5. A4 Envelope

### **THE TEST**

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

1. Cutting out.
2. Working of double pointed dart at the dress back.
3. Preparation and attachment of the patch pocket to include the working of satin stitch to fill  $\square$  on the pocket.
4. Preparation of gathers on the dress front. **DO NOT REMOVE GATHERING STITCHES.**
5. Joining the dress front to the yoke using overlaid seam.
6. Joining the dress front to the dress back at the shoulder using double stitched seam.
7. Working the side seam using an open seam.
8. Managing the hem on the lower edge of the dress by;
  - (a) Holding the hem using even tackings. (**DO NOT REMOVE TACKINGS**)
  - (b) Working hemming stitches at the front part of the dress.
9. Presentation.

### **NB:**

At the end of the examination, firmly sew on your work on single fabric a label bearing your name, class and admission number. Remove the needles, pins and unnecessary threads from your work. Fold your work neatly and place it in the envelope provided.

**DO NOT PUT SCRAPS OF FABRIC IN THE ENVELOPE AND DO NOT SEAL THE ENVELOPE.**

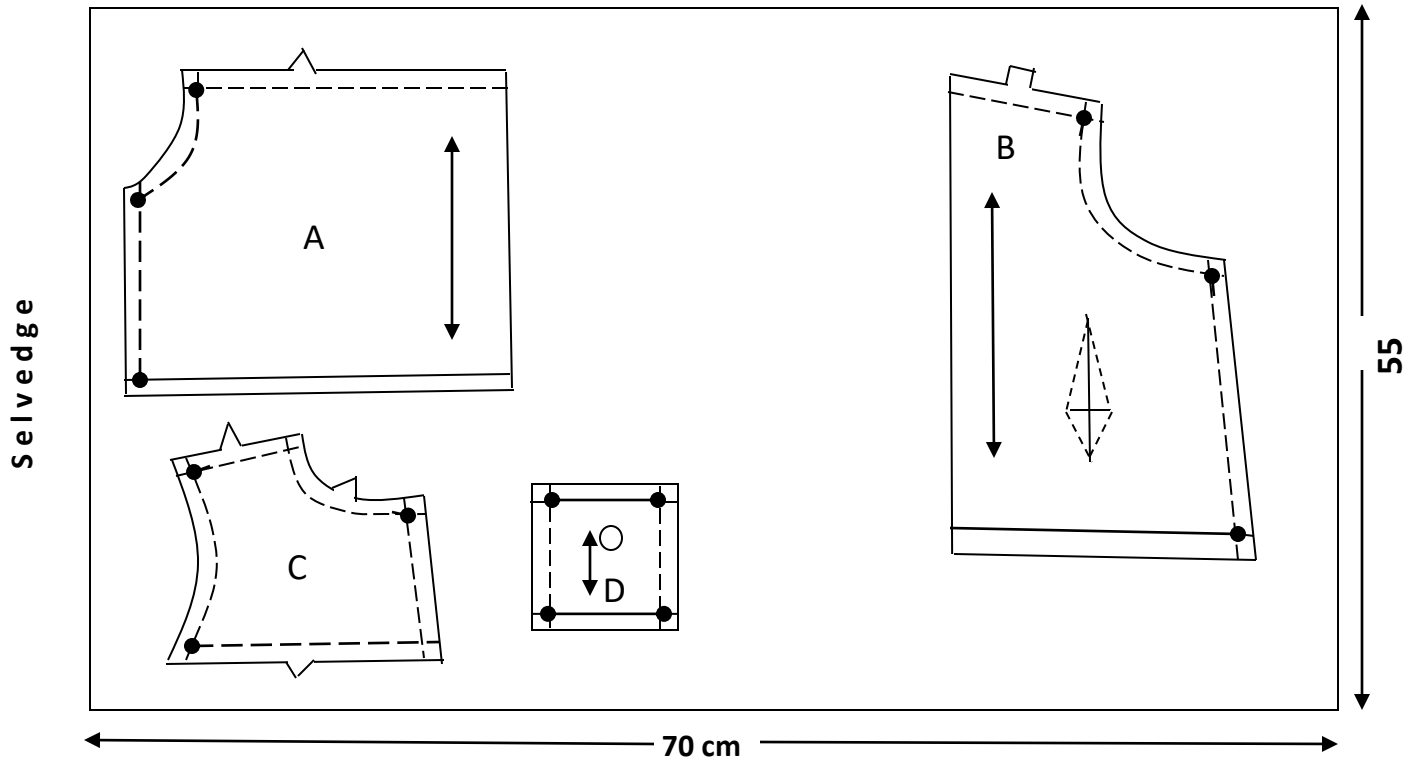
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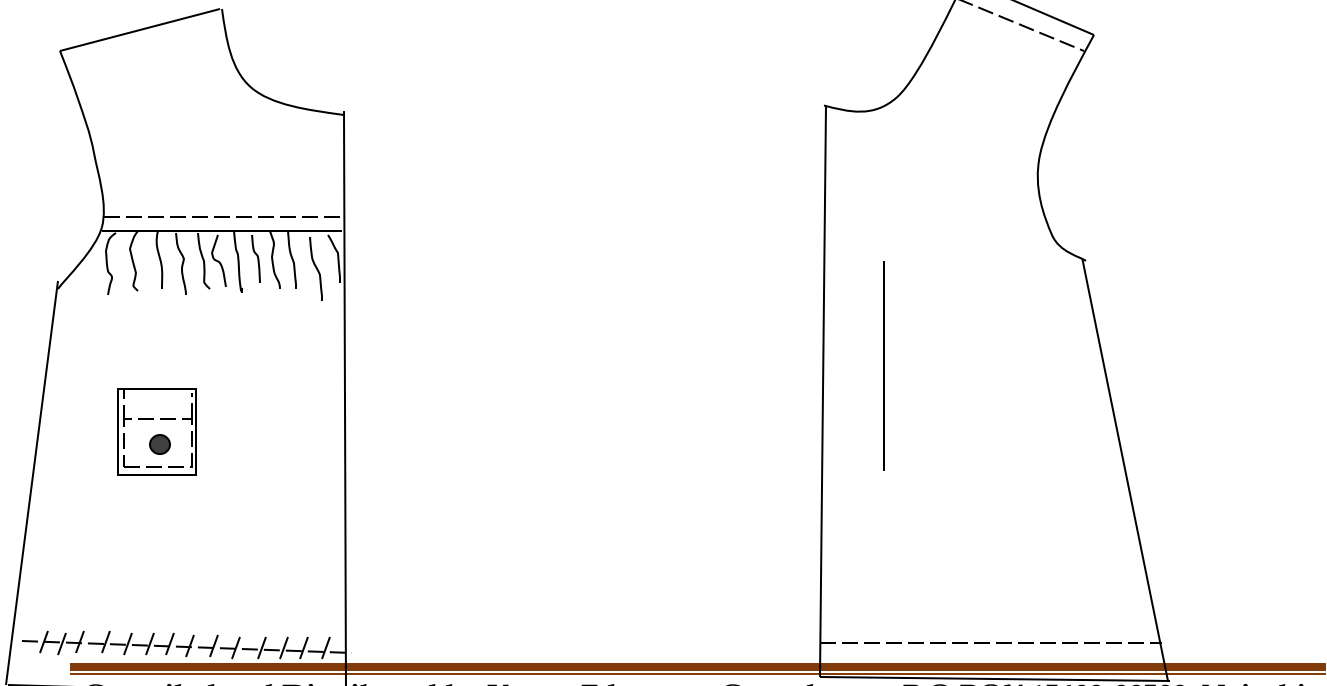
**LAYOUT (NOT DRAWN TO SCALE)**



**VIEWS**

**FRONT**

**BACK**



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# KCSE 2023 TOP PREDICTION MASTER CYCLE 2

## Kenya Certificate of Secondary Education

Name:..... Adm No..... Class :.....

School:.....Candidates Signature.....

Date :.....

441/1  
HOME SCIENCE  
Paper 1 (Theory)  
Time: 2½ Hours

### INSTRUCTIONS TO THE CANDIDATES

Write your name and index number in the spaces provided above.

This paper consists of **THREE** sections A, B, and C.

Answer **ALL** the questions in section A and B

Answer any **TWO** questions from section C

### For examiners use only

Section	Questions	Maximum score	Candidates score
A	1- 16	40	
B	17	20	
C		20	
		20	
	<b>TOTAL SCORE</b>		

*This paper consists of 7 printed pages.*

*Candidates should check to ensure that all pages are printed as indicated and no questions are missing*

**SECTION A (40 MARKS)**

Answer ALL questions in this section in the spaces provided

1. Mention two functions of cholecalciferol in the body. (2 Marks)

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2. Suggest three causes of malnutrition. (3 Marks)

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3. What are the effects of immersing a hot aluminium frying pan in cold water? (2 Marks)

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4. Explain three forms of advertisements. (2 Marks)

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5. Write the following abbreviations in full (2 Marks)

- BCG.....  
 - TBA.....

6. Name two methods which could be used to serve meals at home. (2 Marks)

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7. What are the determinants of safe parenthood? (3 Marks)

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8. Identify three points to bear in mind when buying land for a family house. (3 Marks)

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9. State three basic instructions on the use of medicines. (3 Marks)

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10. Give three advantages of using credit cards. (3 Marks)

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11. Name four fabrics that should not be wrung during laundering. (2 Marks)

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12. State three functions of pressing cloth. (3 Marks)

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13. State two qualities to look for when choosing a stiletto. (2 Marks)

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14. Identify six substances that are added to soap during manufacturing. (3 Marks)

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15. Give two ways of purifying water for small scale use. (2 Marks)

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16. Differentiate between food fortification and food supplements. (2 Marks)

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**SECTION B (20 MARKS)**

**Compulsory**

17. You are preparing to host your grandparents over the weekend.  
a) Describe the method you would use to clean a varnished wooden table to be used in the dinning room. (6 Marks)



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**SECTION C (40 MARKS)**

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

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

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# KCSE 2023 TOP PREDICTION MASTER CYCLE 2

## Kenya Certificate of Secondary Education

441/2

HOME SCIENCE

(CLOTHING CONSTRUCTION)

PAPER 2

(PRACTICAL)

Time 2<sup>1</sup>/<sub>2</sub> hours

*Kenya Certificate of Secondary Education*

## CONFIDENTIAL

### INSTRUCTIONS TO SCHOOLS

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

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

# KCSE 2023 TOP PREDICTION MASTER CYCLE 2

## Kenya Certificate of Secondary Education

Name:..... Adm No..... Class :.....

School:.....Candidates Signature.....

Date :.....

441/2

HOMESCIENCE (CLOTHING AND TEXTILES)

PAPER 2

PRACTICAL

TIME: 2½ HOURS

*Kenya Certificate of Secondary Education*

*This paper consists of 2 printed pages.*

*Candidates should check to ensure that all pages are printed as indicated and no questions are missing*

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

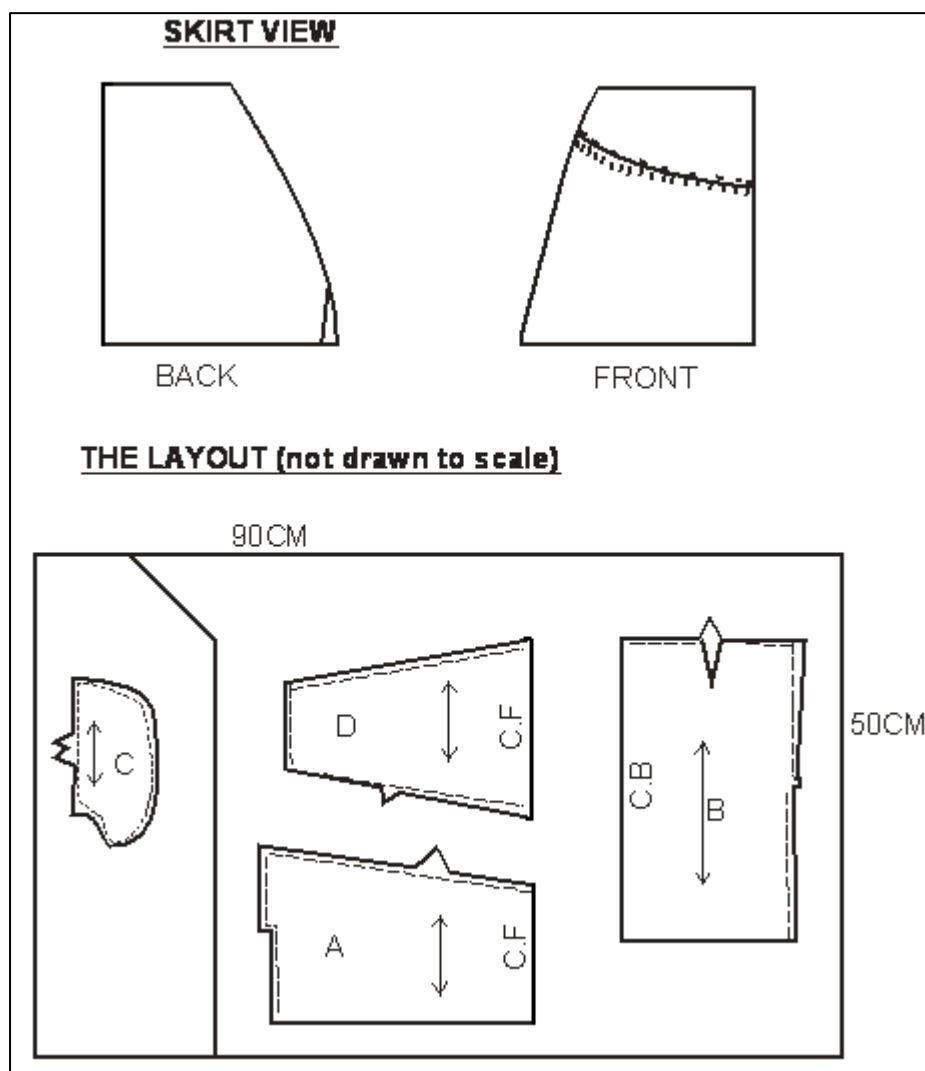
**MATERIALS PROVIDED**

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

**THE TEST**

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

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



Name .....Adm no.....

Candidates' signature.....

Date .....

441/1

Home science

Paper 1

(THEORY)

2 1/2 HOURS

# KCSE 2023 TOP PREDICTION MASTER CYCLE 3

*Kenya certificate of secondary examination*

**HOMESCIENCE**

**PAPER 1**

*Instructions to candidates*

- Write your name and admission no in the spaces provided.*
- Answer all the questions in section A and B and any two from section C.*
- Answers to all questions must be written in the spaces provided.*

*For examiners use only.*

<i>Section</i>	<i>Question</i>	<i>Maximum score</i>	<i>Candidates score</i>
<i>A</i>	<i>1-40</i>	<i>40</i>	
<i>B</i>	<i>41</i>	<i>20</i>	
<i>C</i>	<i>42-44</i>	<i>40</i>	

*Total score*                      *100*

**SECTION A (40 MARKS)**

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

1. State two uses of forks in the kitchen during preparation and cooking of food.(1mark)

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

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3. State two reasons for cooking food (1mk)

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4. State two conditions essential in making steam effective as a raising agent (1mark)

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5. Outline two uses of fat in bread making (1mark)

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6. Define the term environmental hygiene (1mark)



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7. State two ways one can care for open drains (1mark)

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8. Mention two points on prevention and control of round worms (1mark)

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9. Identify two ways of meeting the social needs of patient recuperating at home (1mark)

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10. List two ways of achieving good grooming (1mark)

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11. Mention two vegetable fibers used to make brooms and brushes (1mark)

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12. State two advantages of bungalows(1mark)

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13. Differentiate between polished wood and a laminated wood (1mark)

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14. Define the term consumer Education (1mark)

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15. Identify two principles of wise buying (1mark)

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16. State two factors that affect a budget (1mark)

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17. State two advantages of breast milk(1mark)

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18. A disease portrays the following features,

- i. Its highly contagious
- ii. Its viral
- iii. It affects the liver causing liver cirrhosis
- iv. The vaccine of the diseases is given in three doses

Which disease is this?.....

19. Mention the main importance of postnatal care(1mark)

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20. State two points on achieving safe parenthood (1mark)

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21. Mention two points to observe when using disinfectants during laundry (1mark)

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22. Give two grease absorbents used in laundry (1mark)

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23. List two types of vacuum cleaners(1mark)

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

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25. Mention two advantages of biogas fuel (1mark)

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26. List down two types of windows can be used for ventilation (1mark)

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

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28. Identify two ways starch can be prepared at home(1mark)

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29. State two ways of improvising clothes storage facilities (1mark)

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30. Mention two dangers of poor ventilation (1mark)

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31. Differentiate between a tear and a wear (1mark)

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32. Define the term pressing as used in laundry (1mark)

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33. Mention two methods of neatening seams(1mark)

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34. Fasteners are mainly functional on garments. Give two examples (1mark)

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35. State two properties of silk that makes it suitable for making furnishings(1mark)

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36. List two balance marks in pattern markings (1mark)

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37. Aprons are available in many styles. Give two factors that may determine the choice of an apron style . (1mark)

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38. State two qualities of a well-made seam (1mark)

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39. Mention two layers that makes a pleat (1mark)

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40. List down two functions of pockets on garments(1mark)

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**SECTION B: (20 MARKS)**

**COMPULSORY**

**Answer question 41 in the spaces provided.**

41. You are at home over the weekend and asked to assist in household chores. Explain how to thorough clean the following items;

- a) Launder a polyester dress with a gum stain (8marks)
- b) Cleaning a kitchen counter made of plain wood (7marks)
- c) Cleaning a baby's feeding bottle (5marks)

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**SECTION C (40 MARKS)**

*Answer two questions from this section in the space provided.*

42.

- a) Name any three government bodies provides information to consumers. (3marks)
- b) Describe with the use of two diagrams the procedure of making a French seam (6marks)
- c) Briefly describe the cleaning of calabashes (4marks)
- d) Mention four groups of people who may need packed meals (4marks)
- e) Yellow fever is an acute viral disease, state the symptoms of the disease (3marks)

43.

- a) Discuss five reasons for sufficient ventilation in a room (5marks)
- b) Explain where the following body measurements are taken (3marks)
  - Bust
  - Waist
  - Back length
- c) Briefly explain five points to consider when planning and serving meals for children(5marks)
- d) State three disadvantages of cash buying (3marks)
- e) State four ways of fulfilling the physical needs of an expectant mother (4marks)

44.

- a) Briefly explain how to darn a hole in a knitted fabric(5marks)
- b) Discuss five possible causes of needle breaking when sewing (5marks)
- c) Mention three signs and symptoms of anorexia nervosa (3 marks)
- d) Outline and explain the three forms of advertisements (3 marks)
- e) State four points on the importance of immunization (4marks)

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441/2

HOME SCIENCE

CLOTHING CONSTRUCTION PRACTICAL

## KCSE 2023 TOP PREDICTION MASTER CYCLE 3

### INSTRUCTIONS TO SCHOOLS

The following materials will be provided by the school

1. Plain light weight cotton 55 cm long by 90cm wide
2. Cotton sewing thread to match the fabric
3. A4 envelope

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

**These instructions consist of 1 printed page**

NAME: ..... CLASS: ..... ADM. NO. ....  
SIGNATURE: .....  
DATE: .....

**441/2**  
**HOME SCIENCE (CLOTHING CONSTRUCTION)**  
**PAPER 2**  
**PRACTICAL**  
**Time: 2 ½ hours**

## **KCSE 2023 TOP PREDICTION MASTER CYCLE 3**

**Kenya Certificate of Secondary Education**

**HOME SCIENCE**

**(CLOTHING CONSTRUCTION)**

**PAPER 2**

**PRACTICAL**

**TIME: 2 ½ HOURS**

### **Instructions to candidates**

- *This paper consists of 3 printed pages.*
- *Candidates should check the question paper to ascertain that all pages are printed and no questions are missing.*



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

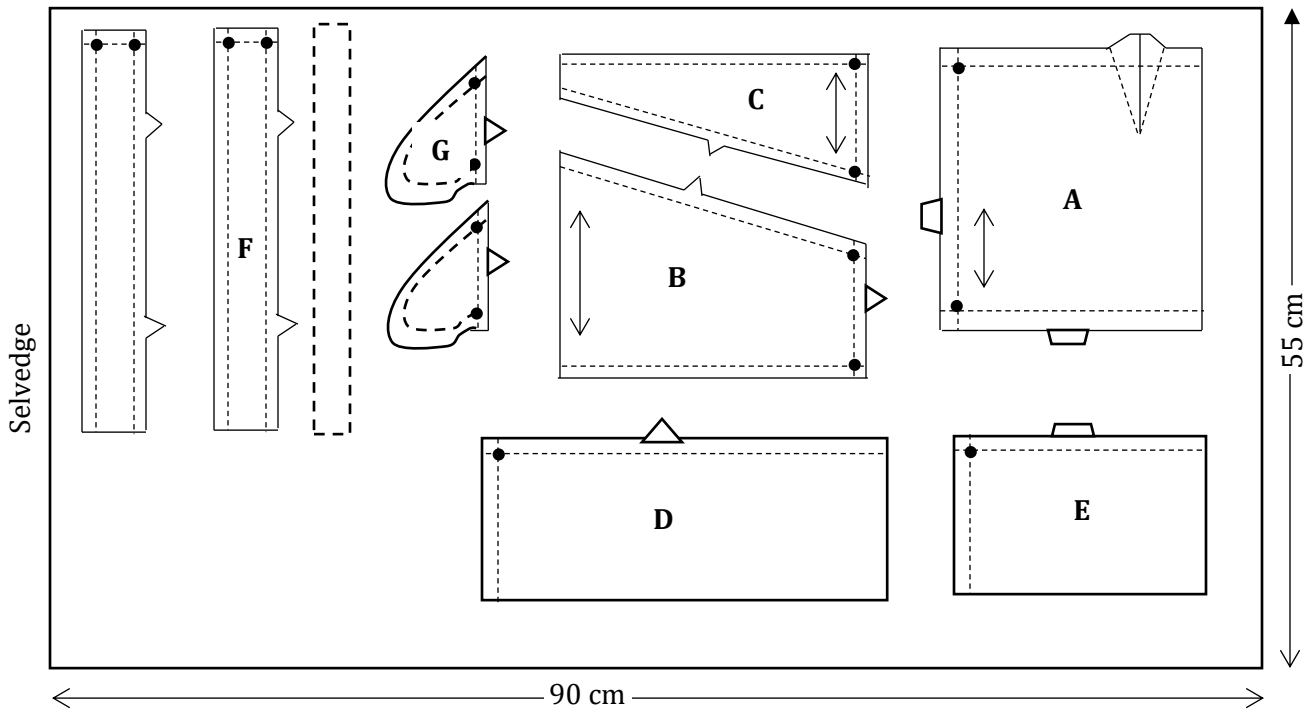
1. Materials provided.
  - A Skirt Back
  - B Skirt Front
  - C Front Yoke
  - D Front frill
  - E Back Frill
  - F Waist band
  - G Pocket
2. Plain light weight fabric 55cm long by 90cm wide.
3. Sewing thread to match the fabric
4. One large A4 envelope.

### **The test**

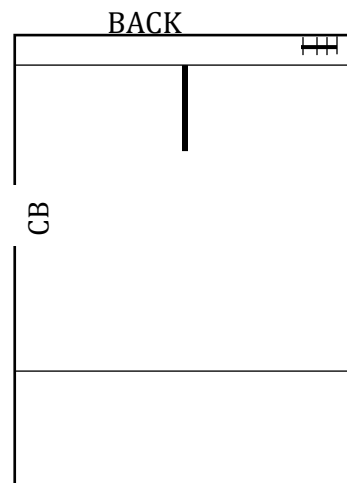
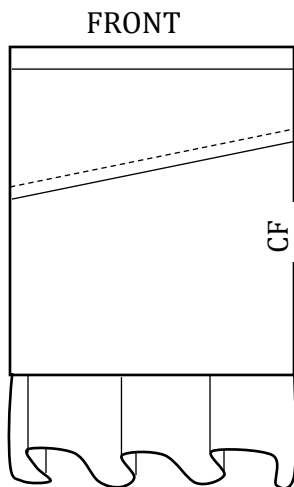
Using the materials provided, lay, cut and make the **LEFT HALF** to show the following processes;

- (a) Cutting out **(18marks)**
- (b) Making the dart at the back skirt. **(5marks)**
- (c) Joining the front yoke to the front skirt using overlaid seam. **(10<sup>1</sup>/<sub>2</sub>marks)**.
- (d) Attaching the in-seam pocket. **(7marks)**
- (e) Making the side seam using open seam. Neaten the lower part of the seam only. **(6<sup>1</sup>/<sub>2</sub>marks)**
- (f) Joining the front frill to the back frill using double stitched seam. **(7marks)**.
- (g) Attach the lower part of the skirt to the joined frills using plain seam. Neaten the back part only. **(7marks)**
- (h) Preparing and attaching an **INTERFACED** waist band. Neaten using hemming stitches. **(13marks)**
- (i) Making the button hole. **(10marks)**
- (j) Presentation. **(6marks)**

**LAYOUT (NOT DRAWN TO SCALE)**



**VIEWS**



441/1

**HOME SCIENCE**

**PAPER 1**

**Time: 2<sup>1</sup>/<sub>2</sub> hours**

**KCSE 2023 TOP PREDICTION MASTER CYCLE 4**

Name ..... Index Number.....

Candidate's Signature ..... Date.....

**Instructions to candidates** 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 24 (**Compulsory**) in section **B** and any two questions from section **C**.
- Answers to **ALL** questions must be written in this booklet.
- This paper consists of 8 printed pages.
- 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
<b>A</b>	1 -19	40	
<b>B</b>	20	20	
<b>C</b>		20	
		20	
<b>TOTAL SCORE</b>		<b>100</b>	

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**SECTION A (40 MARKS)**

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

1. What is toxemia? 2mks
  
  
  
  
  
  
  
  
  
  
2. Mention **two** points on the care of leather shoes. 2mks
  
  
  
  
  
  
  
  
  
  
3. List **three** desirable qualities of an embroidery thread. 3 mks
  
  
  
  
  
  
  
  
  
  
4. Give **two** disadvantages of home confinement to an expectant mother. 2 mks
  
  
  
  
  
  
  
  
  
  
5. Give **four** symptoms of pellagra. 2 mks
  
  
  
  
  
  
  
  
  
  
6. State **two** causes of seam puckering. 2 mks

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7. Suggest **two** causes of permanent hardness in water. 1 mks
8. State **two** reasons for disposing household organic refuse well. 2 mks
9. Give **two** characteristics of fabrics that develop static electricity 2 mks
10. Suggest **two** ways of finishing a skirt waist besides using a waist band. 2 mks.
11. Explain **two** possible advantages of re-heating foods. 2 mks
12. State **two** other causes of anemia other than nutritional deficiency. 2mks

13. Name **two** scientific principals underlying canning of fruits as a method of food preservation. 2mks
14. Suggest **two** reasons for blending in fabric construction. 2 mks.
15. Give **two** advantages of using a baby cot. 2 mks.
16. Give the reason behind loading common salt 1mks
17. Give **two** meanings of the following terms.
- a) Basting 2mks
- b) Trimming 2mks

18. State **two** reasons for appropriate lighting in the house 2mks
19. How would you conserve energy when using electricity for cookery? 3 mks.
20. Mention **two** important points to consider when brushing the teeth. 2mks

### **SECTION B**

#### **(COMPULSORY 20 MKS)**

21. You are taking care of your mother's sister who gave birth two days ago.
- a) Describe how you would wash, treat and finish the baby soiled napkins used by her child. 10 mks.

- b) Describe the procedure you would use to clean a sweeping brush with a wooden handle and head. 10 mks

### SECTION C

Answer any two questions in these section in the spaces provided. Below.

22. a) Explain **five** factors that affect individual nutrient requirement. 10 mks
- b) Explain **six** preventive measures to take against the spread of infection when taking care of the sick at home. 6 mks
- c) Discuss **four** factors to consider when selecting lighting fixtures. 4 mks
23. a) Outline **five** laundry practices that can aid in preserving the colour of a loose coloured article during laundry work. 5mks
- b) State **six** properties of cotton that make it suitable for making hospital linen. 6 mks.
- c) Describe the procedure of making a faced slit opening. 9 mks
24. a) Discuss **six** reasons of using soft furnishings in home. 6 mks
- b) Describe how to make a French seam on the sides of a blouse. 8 mks.
- c) i) State **four** dangers of poor ventilation 4 mks
- ii) Outline **two** disadvantages of using convenience foods consistently. 2 mks.



**441/2**  
**HOME SCIENCE**  
**PAPER 2**  
**Time: 2<sup>1</sup>/<sub>2</sub> hours**  
**KCSE 2023 TOP PREDICTION MASTER CYCLE 4**

*This paper consists of 3 printed pages.  
Candidates should check to ensure that all pages are printed as indicated and no questions are missing*

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

**MATERIALS PROVIDED**

1. Pattern pieces
  - A. Shorts front
  - B. Shorts back
  - C. Waistband
  - D. Fly and opening facing
  - E. Fly binding
2. Light weight cotton fabric of 70cm long by 90cm wide.
3. Cotton sewing thread to match the fabric
4. One large envelope.

**THE TEST**

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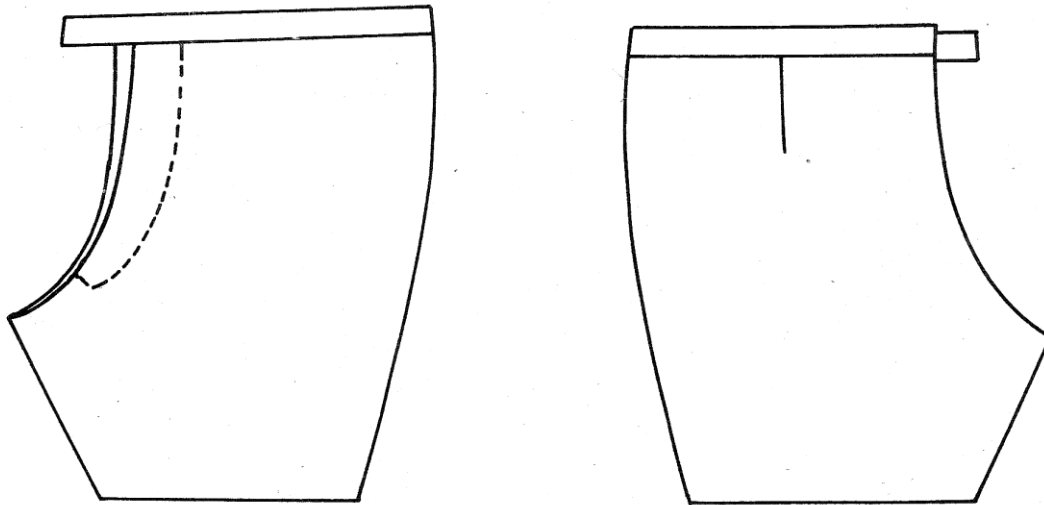
[www.kenyaeducators.co.ke](http://www.kenyaeducators.co.ke) or Contact 0724333200/0768321553/0795491185

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

1. The making of the back dart.
2. The facing of the shorts opening.
3. The preparation of the fly.
4. The lining of the prepared fly with the attached facing.
5. The neatening of the raw edges of the fly together with the facing using the bias binding.
6. The fixing of the fly in position by topstitching.
7. The joining of the side seam using a plain seam (not open) and neatening half of it.
8. The joining of the inner-leg seam using a neatened open seam.
9. Attaching a button on the fly facing.
10. The preparation and slip-hemming of half of the hem (i.e. from side seam to inner-leg only).

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 material in the envelope.

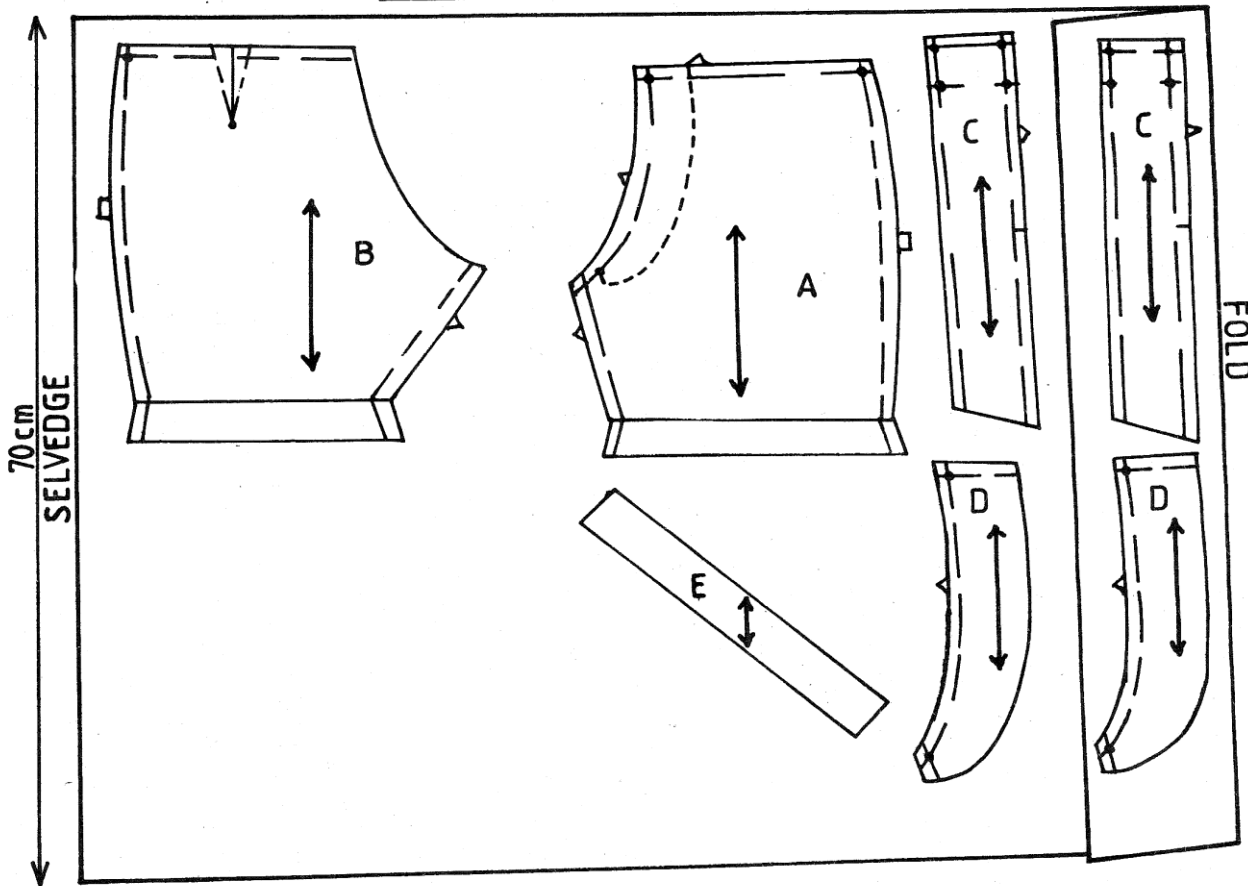
### BOY'S SHORTS



FRONT VIEW

BACK VIEW

### THE LAYOUT (NOT DRAWN TO SCALE)



0052

441/1

HOME SCIENCE

PAPER 1

Time: 2<sup>1</sup>/<sub>2</sub> hours

KCSE 2023 TOP PREDICTION MASTER CYCLE 5

Name: ..... Adm No .....

School: ..... Candidate's sign .....

Date: .....

**INSTRUCTIONS TO CANDIDATES:**

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

**For Examiner's Use Only:**

QUESTIONS	MAXIMUM SCORE	CANDIDATES SCORE
1-15	40	
16	20	
17	20	
18	20	
19	20	
Total	<b>100</b>	

**SECTION A (40 marks)**

**Answer all the questions in this section.**

1. Mention two methods of preserving fruits when in season. (2mrks)  
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2. List three natural means of ventilating a room. (3mrks)  
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3. State two points to remember about clothing when caring for the sick at home. (2mrks)  
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4. Mention three examples of fans. (3mrks)  
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5. Mention three points on how to ensure safety when storing paraffin. (3mrks)  
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6. List three factors to consider when buying a gas cylinder. (3mrks)  
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7. Give three reasons why the wall paper is becoming popular. (3mrks)  
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8. State two reasons for using floor coverings in a house. (2mrks)

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9. List the stages involved in bottling as a method of preservation. (2 ½ mrks)

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10. List two importance of blanching vegetables before preservation. (2mrks)

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11. Define case goods and give an example. (½ mrk)

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12. List four tertiary colours. (2mrks)

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13. List four common dehydrated foods which are used as the main ingredients in a dish. (4mrks)

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14. Mention three reasons for wrapping food before storing in the refrigerator. (3mrks)

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15. Give three reasons for cooling foods before storing in a refrigerator. (3mrks)

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**SECTION B: COMPULSORY (20 MARKS)**  
**Answer all the questions in this section.**

16. You are planning to go for a picnic.  
(a) Giving reasons outline the procedure you would use to thoroughly clean a synthetic bag. (8mrks)

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(b) Outline the steps to follow when laundering the woolen sweater you will wear. (12mrks)

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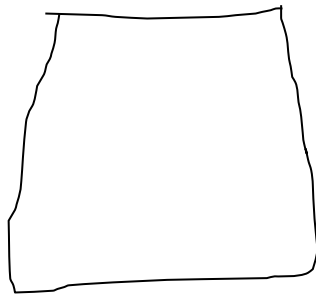
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**SECTION C (40 MARKS)**

**Answer any two questions in this section.**

- 17.** (a) State reasons why a consumer needs to be protected. (6mrks)
- (b) Mention six reasons that has popularized the use of convenience foods. (6mrks)
- (c) Discuss four problems related to breast feeding. (8mrks)

- 18.** (a) List six qualities of a well-made collar. (6mrks)
- (b) Use the sketch of a skirt below to answer the questions that follow:



- (i) State six methods of disposing fullness in the skirt sketch shown above. (2mrks)
- (ii) Apart from the disposal of fullness symbols, indicate three pattern markings on the sketch above. (3mrks)
- (c) Explain four finishing processes carried out during laundry. (8mrks)
- 19.** (a) Explain three causes of malnutrition when sick. (6mrks)
- (b) Explain six points on the importance of budgeting. (6mrks)
- (c) Mention eight points to look for when choosing a toy for a child. (8mrks)

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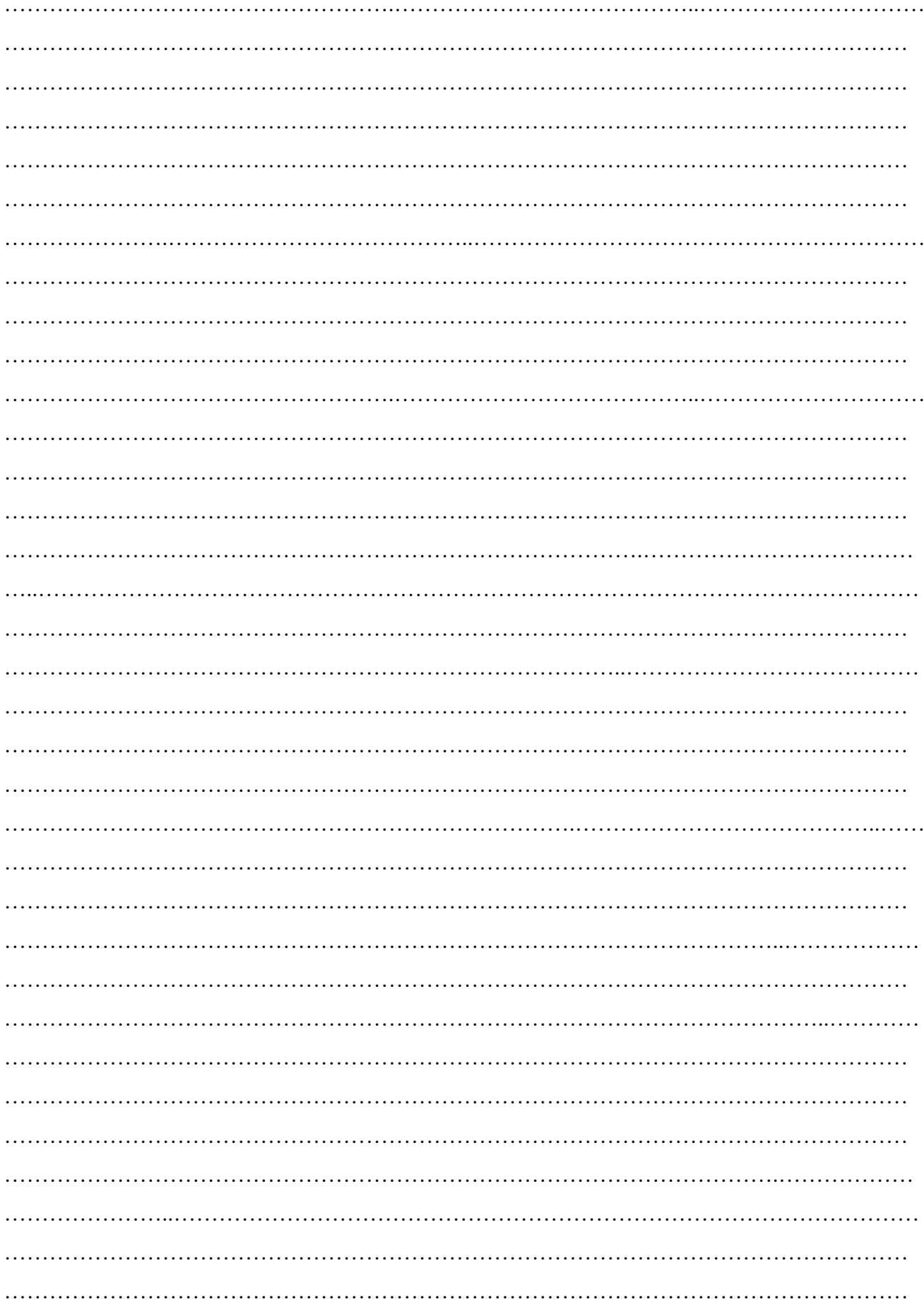
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