

441/2

HOME SCIENCE (CLOTHING CONSTRUCTION)

Paper 2

(PRACTICAL)

Oct./Nov. 2015

2½ hours

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THE KENYA NATIONAL EXAMINATIONS COUNCIL

Kenya Certificate of Secondary Education

HOME SCIENCE (CLOTHING CONSTRUCTION)

Paper 2

(PRACTICAL)

2½ hours



05400201

**Instructions to candidates**

- (a) *This paper consists of 4 printed pages.*
- (b) *Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.*
- (c) *Candidates **MUST** use machine stitches appropriately in the construction of the garment. Hand stitches used **INSTEAD** of machine stitches will not be marked.*
- (d) *Hand stitches will only be allowed for the making of hemming and tacking stitches.*



915046

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Turn over

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. In-seam pocket
  - D. Waistband
2. Plain lightweight cotton fabric 60 cm long and 90 cm wide.
3. Sewing thread to match.
4. One large envelope.

### THE TEST

Using the materials provided, lay, cut out and make **ONE LEG** of the pair of shorts to show the following processes:

- (a) Cutting out. (9 marks)
- (b) Making of the back dart. (8 marks)
- (c) Attaching the in-seam pocket. (16 marks)
- (d) Working of the side seam using an open seam. (Above and below the pocket.) (9½ marks)
- (e) Working of the inner leg seam using a double stitched seam. (8 marks)
- (f) Making the knife pleats on the short front. (9 marks)
- (g) Preparing and attaching the waistband. (**Do not interface**) (11 marks)

- (h) Completing half of the waistband using hemming stitches. (3 marks)
- (i) Managing the hem of the short by holding it in place using tacking stitches. (10 marks)
- (j) Overall presentation. (6½ 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, pins and loose threads from your work. Fold your work neatly and place it in the envelope provided.

**Do not put scraps of fabric in the envelope.**

SHORT VIEW

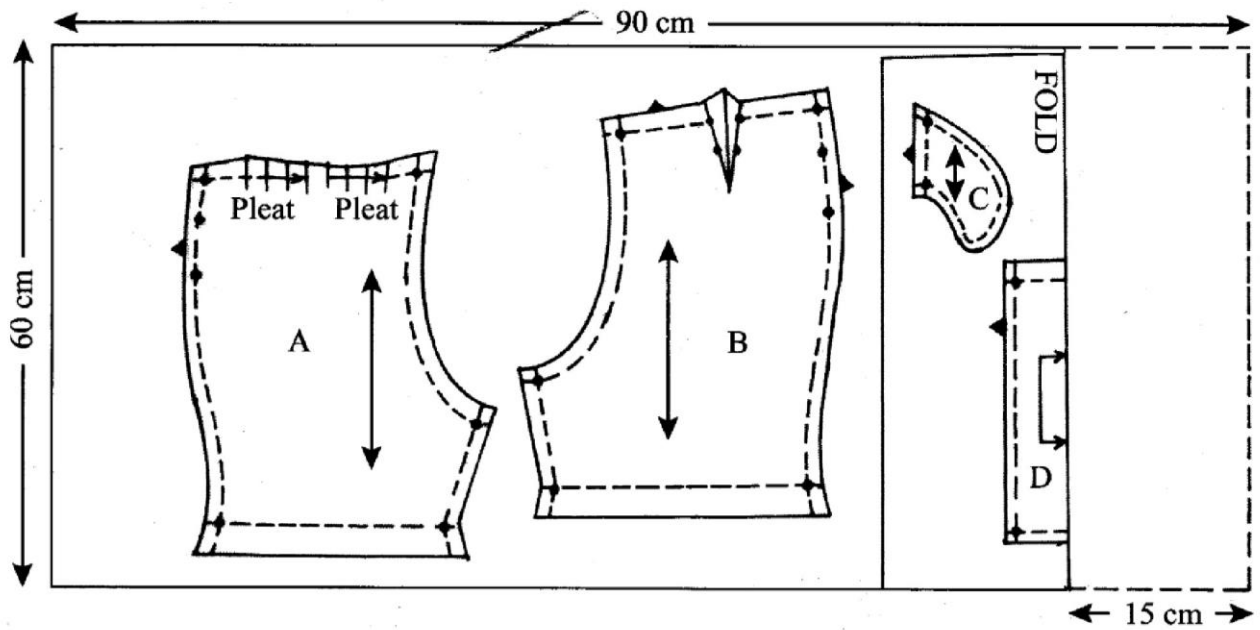


BACK



FRONT

LAYOUT (not drawn to scale)



**THIS IS THE LAST PRINTED PAGE**

**441/3**  
**HOME SCIENCE**  
**(FOODS AND NUTRITION)**  
**Paper 3**  
**PRACTICAL**  
**MARKING SCHEME**  
**Oct./Nov. 2015**



**THE KENYA NATIONAL EXAMINATIONS COUNCIL**  
**KENYA CERTIFICATE OF SECONDARY EDUCATION**

**HOME SCIENCE**  
**(FOODS AND NUTRITION)**

**Paper 3**

**MARKING SCHEME**  
**(CONFIDENTIAL)**

**THIS MARKING SCHEME IS THE PROPERTY OF THE KENYA NATIONAL EXAMINATIONS COUNCIL AND IT MUST BE RETURNED TO THE KENYA NATIONAL EXAMINATIONS COUNCIL AT THE END OF MARKING.**

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**This marking scheme consists of 3 printed pages.**

CANDIDATE'S NAME ..... INDEX NO .....

NAME OF EXAMINING TEACHER ..... DATE .....

	AREAS OF ASSESSMENT	MAXIMUM SCORE	ACTUAL SCORE	REMARKS
1.	<b>PLAN</b> Recipes - Availability (recipe for each of the four (4) items) 2 - Correct quantities (enough for two(2) persons) 4 - Appropriate choice (for a one course meal and drink) 2  Order of work - Availability 1 - Proper sequencing 1  List of foodstuffs and equipment - Availability 1 - Adequacy 1 - Appropriateness 1			
		<b>13</b>		
2.	<b>PREPARATION AND COOKING</b> Correct procedure - Item 1 (carbohydrate) 3 - Item 2 (protein) 4 - Item 3 (vegetables) 3 - Item 4 (nutritious drink) 2  Methods of cooking (at least three) 3 - Quality of results - Item 1 1 - Item 2 1 - Item 3 1 - Item 4 1			
		<b>19</b>		
3.	<b>PRESENTATION</b> Utensils - Appropriate 1 - Clean 1 - Table lay out (Table correctly set for two) 2  Centre piece - General impression 1 - Table condiments (salt shaker, pepper shaker) 1 - Food attractively served 1  Hygiene - Food (1), Kitchen (1), Personal (1) 3			
		<b>11</b>		

	<b>AREAS OF ASSESSMENT</b>	<b>MAXIMUM SCORE</b>	<b>ACTUAL SCORE</b>	<b>REMARKS</b>
4.	<b>ECONOMY OF RESOURCES</b> - Water - Food - Fuel  Clearing up - During work - After work	1 1 1  2 2		
		<b>7</b>		
		<b>50</b>		
	Final mark = $\frac{\text{Actual score}}{2}$	<b>25</b>		

Name..... Index No...../.....

**441/1**  
**HOME SCIENCE**  
**Paper 1**  
**(THEORY)**  
**Oct./Nov. 2015**  
**2½ hours**

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



**THE KENYA NATIONAL EXAMINATIONS COUNCIL**  
**Kenya Certificate of Secondary Education**  
**HOME SCIENCE**  
**Paper 1**  
**(THEORY)**  
**2½ hours**

**05400101**

**Instructions to candidates**

- (a) Write your name and index number in the spaces provided above.
- (b) Sign and write the date of examination in the spaces provided above.
- (c) This paper consists of **three** sections: **A, B and C.**
- (d) Answer **all** the questions in sections **A and B** and any **two** questions from section **C.**
- (e) Answers to **all** the questions must be written in the spaces provided in this booklet.
- (f) **This paper consists of 16 printed pages.**
- (g) **Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.**
- (h) **Candidates should answer the questions in English.**

**For Examiner's Use Only**

Section	Question	Maximum Score	Candidate's Score
A	1 - 21	40	
B	22	20	
C		20	
		20	
<b>Total Score</b>		<b>100</b>	





**SECTION A: (40 marks)**

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

**1** Define the following terms as used in meal planning: **(2 marks)**

(a) blanch;

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(b) essence.

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**2** State **two** reasons for basting foods while cooking. **(2 marks)**

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**3** Give **two** uses of carbohydrates in the body. **(2 marks)**

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**4** State **two** ways of conserving vitamin C in green leafy vegetables during preparation. **(2 marks)**

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5 Highlight **two** disadvantages of réchauffé dishes. (2 marks)

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6 Name **two** waterborne diseases caused by poor sanitation. (1 mark)

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7 State **two** ways of enhancing personal appearance. (2 marks)

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8 Identify **two** ways of meeting the emotional needs of a patient recuperating at home. (2 marks)

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9 Distinguish between a cesspool and a soak pit. (2 marks)

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**10** Name **four** locally available materials that can be used to improvise cleaning abrasives. (2 marks)

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**11** State **two** advantages of regular cleaning of household items. (2 marks)

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**12** State **two** factors to consider when caring for a pit latrine. (2 marks)

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**13** Differentiate between a need and a want. (1 mark)

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**14** Highlight **two** advantages of having labels on consumer products. (2 marks)

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15 Name **two** examples of builders added to soaps and soapless detergents during manufacture. (1 mark)

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16 Give the main reason for repairing clothes before laundering. (1 mark)

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17 State **two** advantages of using soft water in laundry work. (2 marks)

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18 Give **three** points to consider when selecting the fabric to use when practising stitching for beginners. (3 marks)

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19 Outline **two** reasons for blending fibres. (2 marks)

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**20** State **two** factors to consider when fixing a zip on a garment. (2 marks)

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**21** Identify **three** ways of attaching a collar to the neckline. (3 marks)

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**SECTION B: (20 marks)**

**COMPULSORY**

*Answer Question 22 in the spaces provided.*

**22** You are at home over the weekend. Outline the procedure you would use for each of the following:

- (i) laundering a woollen sweater; (11 marks)
- (ii) cleaning a stainless steel sink; (5 marks)
- (iii) cleaning an enamel cup. (4 marks)

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**SECTION C: (40 marks)**

*Answer any TWO questions from this section in the space provided after question 25 (c).*

- 23** (a) Explain **three** general rules to observe when making batters. (6 marks)
- (b) Outline **six** reasons for including fruit salad in a meal. (6 marks)
- (c) Explain how the following factors influence consumer buying:
- (i) inflation;
  - (ii) family set up;
  - (iii) time and energy;
  - (iv) self image. (8 marks)
- 24** (a) Outline **four** qualities of a well made cuff. (4 marks)
- (b) Classify laundry equipment and in each case give **two** examples. (8 marks)
- (c) Explain **four** factors to consider when choosing a seam in garment construction. (8 marks)
- 25** (a) Highlight **four** pieces of information found on a receipt of goods sold. (4 marks)
- (b) Explain **four** ways of ventilating a room using windows. (8 marks)
- (c) Explain **four** factors that may affect normal foetal development. (8 marks)