**NAME ……………………………… DATE …………………………………**

**INDEX NO. …………….………………. CANDIDATE’S SIGNATURE …………..………**

**441/1**

**HOME SCIENCE**

**Paper 1 (Theory)**

**OCTOBER / NOVEMBER 2013**

**Time: 2½ Hours**

**KATHIANI SUB - COUNTY**

**FORM FOUR ENTRANCE EXAMINATION**

***Kenya Certificate of Secondary Education***

**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**

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| --- | --- | --- | --- |
| **Section** | **Questions** | **Maximum**  **score** | **Candidates score** |
| **A** | 1. **20** | **40** |  |
| **B** | **21** | **20** |  |
| **C** |  | **20**  **20** |  |
|  | **TOTAL SCORE** |  |  |

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

1. Give three reasons why cotton is not suitable for curtains. (3 marks)

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1. Give two methods suitable for cooking food for invalids. (1mark)

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1. Mention two reasons why an expectant mother should know her HIV status. (2 marks )

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1. Suggest two causes of cracking of the feet. (2 marks)

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1. Give two reasons for shaving pubic hair. ( 2 marks)

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1. Give two ways in which inflation affects the consumer. (2 marks)

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1. Give two reasons why French seam is a strong seam. (2 marks)

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1. Name 2 good characteristics of enamel utensils. (2 marks)

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1. State two desirable qualities of materials used in sponging. ( 2 marks)

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1. List down two functions of balance marks during garment construction. (2 marks)

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

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1. Give two advantages of good lighting in the kitchen. ( 2marks)

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1. List four fabrics which cannot be disinfected by boiling. ( 2 marks)

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1. State two ways in which a cook can infect food with germs. ( 2 marks)

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1. Give two disadvantages of impulse buying. ( 2 marks)

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1. Suggest two reasons which make light weight cotton fabric suitable for beginners in sewing. (2 marks)

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1. State two characteristics of a well made patch pocket. ( 2 marks)

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1. State any two qualities of clothes for an infant. ( 2 marks)

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1. Differentiate between electronic and print media as used in advertisement. (2 marks)

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1. State any essential functions of phosphorous in the body. (2 marks)

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**SECTION B: ( 20 MARKS)**

1. Your mother is to spend a weekend with you in town.

(a) Describe the procedure you would follow to launder her loose – coloured cotton lesso (khanga) (8 marks)

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(b) Outline procedures you would follow to make her bed. (8 marks)

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(c) Thorough clean her soiled plastic kitchen bin. (4 marks)

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**SECTION C (40 MARKS)**

**Answer any two questions**

1. (a) Highlight five reasons why repair of household items should be done immediately it occurs. (5 marks)

(b) Discuss five desirable qualities of an ironing board. (5 marks)

(c) Outline briefly the procedure for making a hem on a pair of shirts. (7 marks)

(d) Discuss how you would remove water from the chest of a victim who has drowned. (3 marks)

1. (a) Identify and explain three reasons for carrying out blood test on expectant mothers. ( 6 marks)

(b) Explain four ways of extending the lifespan of a person living with HIV/AIDS (8 marks)

(c) Explain three points why obesity has become a disorder among children and teenagers especially in

urban areas? (6 marks)

1. (a) By use of a well labelled diagrams, explain how to make an open seam. ( 8 marks)

(b) State two reasons for serving soup in an invalid diet. (2 marks)

(c) Differentiate between garnishing and decorating. (2 marks)

(d) Explain four precautionary measures to make when laundering woollens. (8 marks)

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