**Name……………………………………..……………………… Index No: …………………………**

**Candidate’s Signature …………..…………………….. Class ……………………………………….**

**441/1**

**HOME SCIENCE**

**PAPER 1**

**THEORY**

**JULY 2019**

**TIME: 2 ½ HOURS**

 ***MOKASA 2 EXAMINATION 2019***

***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.

**SECTION A (40 MARKS)**

1. Explain **two** ways home science relates to geography. (1mk)

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1. Mention **two** ways the social need of a patient recuperating at home can be abused. (1mk)

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1. Give **two** functions of Phylloquinone in the human body. (1mk)

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1. State **two** precautions to bear in mind when a mother undergoes home delivery. (1mk)

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1. State **two** precautions to take when using wood as fuel. (1mk)

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1. Mention any **two** practices in the management of sprains. (1mk)

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1. Note down **two** causes of missing stitches during machining. (1mk)

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1. Differentiate between **hemming** and **slip hemming**. (1mk)

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1. Suggest **two** preparations done to a fabric to be used for patching. (1mk)

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1. Name **two** desirable properties of storage facilities. (1mk)

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1. List down **two** laundry treatments which may be done during the rinsing stage other than starching. (1mk)

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1. State **two** ways of reducing bulk in seams. (1mk)

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1. State **two** factors that may make meat dry and tough after roasting. (1mk)

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1. Highlight **two** factors that determine the specific nutritional needs of a sick person. (1mk)

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1. Identify the correct direction to press the following **darts** during garment construction. (2mks)

 (i) Front shoulder dart \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 (ii) Bust dart \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(iii) Elbow dart \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

 (iv) Back waist dart \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. State **two** factors that determine the depth of a hem. (1mk)

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1. Define rechauff’e cookery. (1mk)

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1. Identify **two** ways in which consumers can protect themselves from exploitation. (1mk)

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1. Mention **two** things that can be done to storey buildings to accommodate the physically challenged. (1mk)

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1. Give **two** ways of caring for a water closet. (1mk)

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1. State **two** reasons why saucepans should have a thick base. (1mk)

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1. Give **two** scenarios where mechanical ventilation would be necessary. (1mk)

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1. Mention **two** reasons for storing food. (1mk)

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1. List **two** points on the importance of basting in cooking. (1mk)

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1. Differentiate between **ironing** and **pressing**. (1mk)

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1. List **two** advantages of dry cleaning. (1mk)

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1. Name **two** vaccines administered orally. (1mk)

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1. State **two** ways of maintaining clothes. (1mk)

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1. Mention **two** points to consider when planning and serving vegetarian meals. (1mk)

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1. Name **two** types of electric lamps. (1mk)

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1. State **two** reasons for blending fibres. (1mk)

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1. Mention **two** disadvantages of canned foods. (1mk)

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1. State **two** points to observe when taking body measurements. (1mk)

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1. Highlight **two** reasons why weaning is done. (1mk)

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1. State **two** factors that encourage the use of convenience foods. (1mk)

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1. List **two** advantages of natural lighting. (1mk)

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1. Mention **two** ways playing can be made enjoyable. (1mk)

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1. State **two** ways of caring for a vacuum cleaner. (1mk)

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1. Identify **two** ways of finishing the edge of the sleeve other than using a cuff. (1mk)

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**SECTION B (20 MARKS)**

1. Explain the procedure of cleaning the following items before you resume school.

(a) A plastic basin used by your sick auntie. (5mks)

(b) A plain kitchen table used to cut raw beef. (7mks)

(c) A long sleeved silk blouse. (8mks)

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**SECTION C (40 MARKS)**

1. (a) Giving **two** examples differentiate between primary and secondary colours. (4mks)

(b) Identify **four** problems related to breast feeding and their remedies. (4mks)

(c) Explain the hydrolysis method of soap making. (4mks)

(d) State **four** disadvantages of hoarding. (4mks)

(e) List **four** general rules to observe when making flour mixtures. (4mks)

 42. (a) List **four** functions of the Kenya Consumer Association. (4mks)

 (b) Give **four** reasons for heavy and close texture in creamed cake mixtures. (4mks)

 (c) Mention **four** ways of making a faced slit opening decorative. (4mks)

 (d) Highlight **four** advantages of complementary feeding. (4mks)

 (e) State **four** points to consider when choosing flowers (4mks)

 43. (a) Explain **four** ways pastry can be kept cool during preparation. (4mks)

 (b) Note down **four** qualities of a well-made collar. (4mks)

 (c) State **four** advantages of hire purchase. (4mks)

 (d) State **four** ways of caring for a lactating mother. (4mks)

 (e) Explain **four** reasons why soft furnishings are used in homes. (4mks)

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