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

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

**441/1**

**HOME SCIENCE**

**PAPER 1**

**THEORY**

**JUNE 2022**

**TIME: 2 ½ HOURS**

***SUKELLEMO EXAMINATION 2022***

***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** | **1-27** | **40** |  |
| **Section B** | **28** | **20** |  |
| **Section C** | **29-31** | **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. Give four functions of vitamin C. (2mks)

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1. Mention **two** ways the social need of a patient recuperating at home can be abused. (2mks)

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1. State two ways of preparing a tin for baking. (2mks)

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1. Mention two importance of pressing during garment construction. (2mks)

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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. (2mks)

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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. (2mks)

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1. State two reasons why sufficient ventilation is needed.(2mks)

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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. Describe how to identify silk using the burning test. (2mks)

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1. Identify **two** ways in which consumers can protect themselves from exploitation. (2mks)

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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. Suggest two factors that can lead to a faulty pastry. (1mk)

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

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

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1. Give two disadvantages on the use of credit cards. (2mks)

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

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1. Mention two ways of ensuring tucks are well made (2mk)

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

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1. State two different ways of attaching a collar to the neckline. (2mks)

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**SECTION B (20 MARKS)**

**(COMPULSORY)**

1. You are preparing to go back to school . Describe how you would:

(a)Clean a greasy glass mug . (5mks)

(b) Dry clean and finish your school polyester tie .(7mks)

(c) Launder a loose coloured nylon garment (8mks).

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**SECTION C (40 MARKS)**

1. (a) Outline four precautions to take when laundering baby’s napkin .. (4mks)

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

(c) State four points to bear in mind when taking body measurements . (4mks)

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

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

30. (a) Mention four qualities of a well made hem. (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) Explain four qualities suitable for a night wear . (4mks)

31. (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) Write down four points to bear in mind when choosing a method of “fullness disposal|”. (4mks)

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