NAME………………………………………….…... INDEX NO……………….....................

441/1 **CANDIDATE'S SIGN………….………….**
HOME SCIENCE
PAPER 1 **DATE………..……………………….…...**
(THEORY)
JULY/AUGUST, 2014
TIME: 2½ HOURS

KIHARU/KAHURO DISTRICT JOINT EXAMINATION – 2014

Kenya Certificate of Secondary Education
HOME SCIENCE
PAPER 1
(THEORY)
TIME: 2½ HOURS

INSTRUCTIONS TO CANDIDATES:
1. Write your **name** and **index number** in the spaces provided **above**.
2. **Sign** and write the date of examination in the spaces provided **above**.
3. This paper consists of **three** Sections **A, B** and **C**.
4. Answer **all** questions in Section **A**
5. Answer a**ll** questions in Section **B**.
6. Answer any **two** questions from Section **C**.
7. Answers to all questions must be written in this booklet.

FOR EXAMINER'S USE ONLY:

Section	Question	Maximum Score	Candidate's Score
A	**1 – 19**	**40**	
B	**20**	**20**	
C	**21**	**20**	
	22	**20**	
	23	**20**	
	TOTAL SCORE	**100**	

SECTION A: (40 MARKS)

Answer **ALL** the questions in the spaces provided:

1. Give **four** methods of steaming food. (2mks)

    (i) _____

    (ii) _____

    (iii) _____

    (iv) _____

2. Highlights **three** reasons for blanching vegetables before freezing. (3mks)

    (i) _____

    (ii) _____

    (iii) _____

    (iv) _____

3. State **two** importance's of sebaceous glands in relation to a healthy skin. (2mks)

    (i) _____

    _____

    (ii) _____

    _____

4. Give **two** reasons for using vitreous enamel finish on cookers. (2mks)

    (i) _____

    (ii) _____

5. What is a brunch? (1mk)

    _____

    _____

    _____

6. State **three** points to consider when buying spinach. (3mks)

    (i) _____

    _____

    (ii) _____

    _____

(iii) _____

_____

7. Mention **three** advantages of breastfeeding to the mother. (3mks)

(i) _____

_____

(ii) _____

_____

(iii) _____

_____

8. Outline **two** ways of minimizing wastage of detergents during a family wash. (2mks)

(i) _____

_____

(ii) _____

_____

9. Identify **two** ways of making a double pointed dart lie flat. (2mks)

(i) _____

_____

(ii) _____

_____

10. Name **three** classes of permanent stitches and give one example in each class. (3mks)

(i) _____

_____

(ii) _____

_____

(iii) _____

_____

11. State **two** qualities of a well-made easing. (2mks)

(i) _____

_____

(ii) _____

_____

12. State **four** qualities of a well-made patch. (2mks)

(i) _____

_____

(ii) _____

_____

(iii) _____

_____

(iv) _____

_____

13. State **two** reasons for labelling products. (2mks)

(i) _____

_____

(ii) _____

_____

14. Give **three** reasons why French seam is a strong seam. (3mks)

(i) _____

_____

(ii) _____

_____

(iii) _____

_____

15.   List **four** rights of a consumer.   (2mks)

   (i)   _____

          _____

   (ii)   _____

          _____

   (iii) _____

          _____

   (iv)   _____

          _____

16.   Give **two** reasons why corners of beddings should be mitred.   (2mks)

   (i)   _____

          _____

   (ii)   _____

          _____

17.   Give **two** functions of vitamin K in the body.   (1mk)

   (i)   _____

          _____

   (ii)   _____

          _____

18.   List **two** traditional methods of preserving food.   (1mk)

   (i)   _____

          _____

   (ii)   _____

          _____

19.   Give **two** disadvantages of wearing tight shoes.   (2mks)

   (i)   _____

          _____

   (ii)   _____

          _____

20. (i) You are expected to take part in house cleaning. Describe how you would carry out the following processes.

(a) Launder a fast coloured cotton blouse with wax stain.   (10mks)

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(b) Clean an aluminium pan that has been used to cook ugali.   (5mks)

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(c) Daily clean an earthen pit-latrine.   (5mks)

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SECTION C: (40 MARKS)

Answer **two** questions only.

21. (a) Explain the suitability of the following conditions for the growth of yeast.   (6mks)
         (i)   Food:

_____

_____

_____

_____

_____

         (ii) Warmth

_____

_____

_____

_____

(iii)   Liquid

_____

_____

_____

_____

_____

_____

(b)   Explain **three** causes of poor sanitation.   (6mks)

(i)   _____

_____

_____

(ii)   _____

_____

_____

(iii)   _____

_____

_____

(c)   Give **five** disadvantages of convenience foods.   (5mks)

(i)   _____

_____

(ii)   _____

_____

(iii)   _____

_____

(iv)   _____

_____

(v)   _____

_____

(d)   Identify **three** rules for darning clothes.   (3mks)

    (i)   _____

       _____

    (ii)   _____

       _____

    (iii) _____

       _____

22.   (a)   Using diagrams, outline how to prepare an interfaced collar ready for attachment. (8mks)

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(b) Explain **two** meanings of the word 'Basting' as used in Home Science.
Use appropriate examples. (4mks)

(i) _____
_____
_____
_____

(ii) _____
_____
_____
_____

(c) Explain **four** reasons that make silk not suitable for a hospital bed sheet. (8mks)

(i) _____
_____
_____

(ii) _____
_____
_____

(iii) _____
_____
_____

(iv) _____
_____
_____

23. (a) State **five** ways of meeting the physical needs of a patient recuperating at home. (5mks)

(i) _____
_____
_____

(ii) _____
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(iii) _____

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(iv) _____

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(v) _____

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(b) Describe how sedimentation method of purifying water is done to make it safe for drinking. (5mks)

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(c) Using clear diagrams illustrate the procedure of working an overlaid seam. (6mks)

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(d)   State **four** ways of preventing dandruff.   (4mks)

(i)   _____

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(ii)   _____

_____

_____

(iii)   _____

_____

(iv)   _____

_____

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