

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

441/1
HOME SCIENCE
PAPER 1
(THEORY)
FEB 2021
TIME: 2½ HOURS

CANDIDATE'S SIGN.....

DATE.....

FORM 4 REVISION KIT
Kenya Certificate of Secondary Education
HOME SCIENCE
PAPER 1
(THEORY)
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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 **all** 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) _____

SECTION B: (20 MARKS)

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)

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

(5mks)

(c) Daily clean an earthen pit-latrine.

(5mks)

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)

(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) _____

- (iii) _____

- (iv) _____

- (v) _____

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

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

(4mks)

(i) _____

(ii) _____

(iii) _____

(iv) _____

