

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)

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

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

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

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

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

7. Note down **two** causes of missing stitches during machining. (2mks)

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

9. List down **two** laundry treatments which may be done during the rinsing stage other than starching. (2mks)

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

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

12. 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 _____

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

A series of 20 horizontal lines spaced evenly down the page, intended for writing.

SECTION C (40 MARKS)

29. (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)
