

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

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3. State two ways of preparing a tin for baking.

(2mks)

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

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5. State **two** precautions to take when using wood as fuel.

(1mk)

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6. Mention any **two** practices in the management of sprains.

(1mk)

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

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

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

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

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

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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)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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