

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

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

CANDIDATE'S SIGN.....

DATE.....

CENTRAL KENYA NATIONAL SCHOOLS JOINT EXAM - 2015

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 **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 – 21	40	
B	22	20	
C	23	20	
	24	20	
	25	20	
	TOTAL SCORE	100	

Answer all the questions in this section in the spaces provided.

1. Name **two** measuring tools used in needle work. (1mk)

2. List **two** roles of vitamin C. (2mks)

3. Give **two** reasons for blanching vegetables before drying to preserve. (2mks)

4. Why is oedema common in pregnant women? (1mk)

5. Give **two** reasons which cause meat to dry after roasting. (2mks)

6. State **two** uses of vinegar in laundry. (2mks)

7. Give **two** methods of finishing armhole of sleeveless blouse. (2mks)

8. State **two** common ways in which water can be provided in the diet. (1mk)

9. State **two** ways in which the rights of a consumer can be violated . (2mks)

10. Give **two** reasons why press studs are not suitable for use in children's garment. (2mks)

11. Mention **two** points to consider when buying wooden utensils. (2mks)

12. What is stay stitching? (1mk)

13. Differentiate between a facing and an interfacing. (2mks)

14. Giving **one** example in each case, differentiate between protein and cellulosis fibres. (2mks)

15. State information that should be indicated on a certified label. Give **three** points. (3mks)

16. Suggest **four** uses of running stitches. (2mks)

17. List **four** ways of improvising cleaning agents in the home.

(2mks)

18 Differentiate between soak pit and cesspool. (3mks)

19. Give **two** methods of tenderizing meat. (2mks)

20. Suggest **two** advantages of blending fibres. (2mks)

21. List **two** functions of lamp shades in a room. (2mks)

Answer questions 22 in the spaces provided.

22. You are at home over the weekend and are expected to carry out some household tasks.
- (a) Describe how you would launder a woollen scarf. (12mks)
 - (b) Cleaning a discoloured melamine cup. (4mks)
 - (c) Cleaning a plastic comb. (4mks)

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Answer any TWO questions from this section in the spaces provided.

23. (a) Giving reasons, explain **four** preparations that are carried out on a fabric before laying the pattern pieces on it. (8mks)
- (b) State **four** reasons for using a time plan while performing household tasks. (4mks)
- (c) Explain **four** points on a nutritive value of milk in diet. (8mks)
24. (a) Explain the procedure for making an inverted pleat. (8mks)
- (b) Outline **five** precautions to observe when handling yeast mixtures. (5mks)
- (c) Suggest **six** points to consider while introducing new foods to an infant. (6mks)
- (d) Identify any **six** problems that may arise during pregnancy which need to be reported to the doctor. (6mks)
25. (a) Discuss **four** points to consider when planning packed meals. (8mks)
- (b) Give **four** precautions to take when dry-cleaning clothes. (4mks)
- (c) Discuss **four** points on the importance of good quality lighting in the home. (8mks)

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