

NAME DATE

INDEX NO. CANDIDATE'S SIGNATURE

441/ 1
HOME SCIENCE
PAPER 1
(THEORY)
JULY/ AUGUST 2014
TIME: 2 ½ HOURS

MBOONI WEST SUB – COUNTY JOINT EVALUATION TEST-2014

Kenya Certificate of Secondary Education (K.C.S.E)

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HOME SCIENCE
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(THEORY)
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Instructions to candidates

- Write your name and index number in the spaces above.
- This paper consists of three sections **A**, **B** and **C**.
- Answer all the questions in section **A**, Question 24 (**Compulsory**) in section **B** and any two questions from section **C**.
- Answers to **ALL** questions must be written in this booklet.
- This paper consists of 8 printed pages.
- Candidates should check to ensure that all pages are printed as indicated and no questions are missing

FOR EXAMINER'S USE ONLY

SECTION	QUESTIONS	MAXIMUM SCORE	CANDIDATES SCORE
A	1 -21	40	
B	22	20	
C		20	
		20	
TOTAL SCORE		100	

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441/ 1
Home science
Paper 1
(Theory)

SECTION A (40MARKS)

Answer all the questions in this section in the spaces provided

1. Give any two ways in which the flavor of food can be enhanced (2marks)
.....
.....
2. Mention two factors which affect the prices of fruits and vegetables in the market (2marks)
.....
.....
3. State two ways of enhancing personal hygiene (2marks)
.....
.....
4. Mention two diseases that are immunizable and are caused by viruses (2marks)
.....
.....
5. Mention two factors which have led to the growing use of convenience foods (2marks)
.....
.....
6. Give two reasons for blanching vegetables before freezing (2marks)
.....
.....
7. State the use of bodkin during clothing construction (1mark)
.....
.....
8. Name of gum like substance in fruits that is responsible for jam setting (1 mark)
.....
.....
9. Give four forms in which laundry soap is made available in shops (2 marks)
.....
.....
.....
.....
10. Give the difference between needs and wants as stated in consumer awareness (2 marks)
.....
.....
.....
.....

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11. Give the function of the following parts of a sewing machine

(2 marks)

a) Spool pin

.....
.....

b) Feed dog

.....
.....

c) Stitch length regulator

.....
.....

d) Presser foot

.....
.....

12. List two precautions to take when handling and storing fuels in the home

(2 marks)

.....
.....

13. State two reasons for serving soup to the sick

(2 marks)

.....
.....

14. List two reasons why refuse should be disposed of appropriately

(2 marks)

.....
.....

15. Give two advantages of home confinement

(2 marks)

.....
.....

16. Suggest two reasons which may cause menstruation to cease

(2 marks)

.....
.....

17. Give two characteristics of clothes that develop static electricity

(2 marks)

.....
.....

18. Mention two ways in which the study of home science benefits an individual

(2 marks)

.....
.....

19. State two factors that determine the cleansing action of a detergent (2 marks)

.....

20. Give two needs of the sick that may affect the healing process (2marks)

.....

21. Suggest two reasons that may lead to a mother giving birth to a deformed baby (2marks)

.....

SECTION B (20 MARKS)

Compulsory

Answer question 22 in the spaces provided

22. Your mother is away attending a seminar and has asked you to help the househelp with a few odd jobs in the house over the weekend

- a) Explain how you would thoroughly clean a discolored melamine cup (5 marks)
- b) Describe how you would clean a hurricane lamp and leave it ready for use (omitting the glass) (9 marks)
- c) Outline the procedure you would follow to dry clean and finish your fathers polyester tie (6 marks)

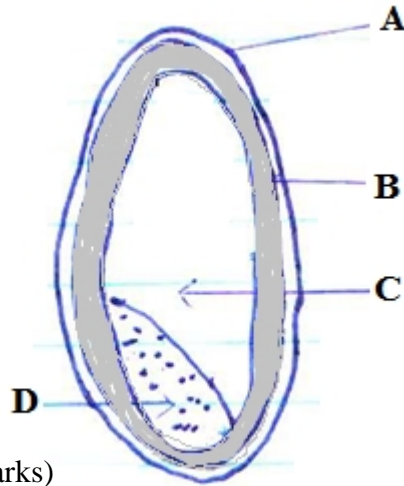
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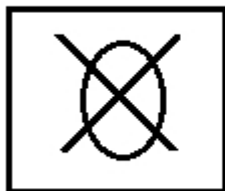
SECTION C (40 MARKS)

Answer any two questions from this section in the spaces provided at the end of this section

23. a) Explain 6 dangers of land pollution to mankind (6 marks)
 b) The diagram below shows a longitudinal section of a wheat grain



- i) Label parts A,B,C,D (4 marks)
 ii) Name two nutrients found in part A and two found in part D (4 marks)
 c) Outline 6 advantages of proper ventilation in a house (6 marks)
24. (a) Name 4 agencies that protect consumers and their functions (4marks)
 (b) Outline 4 preparations that one needs to carry out on a sewing machine in readiness for stitching (4marks)
 (c) Explain 3 nutritional needs of the elderly (6marks)
 (d) Describe 3 factors to consider when choosing a seam in garment construction (6marks)
25. (a) Explain three factors you would consider when choosing flowers for a flower arrangement (6marks)
 (b) Outline four practices to safeguard against occurrence of food spoilage and poisoning in the home (4marks)
 (c) Describe 4 qualities of well made gathers (4marks)
 (d) (i) Interpret the following care label symbols (3marks)



- (ii) Explain three things to show the importance of advertisements to consumers (3marks)

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