

Name Index No

441/1
HOME SCIENCE
Paper 1
(Theory)
Oct/Nov. 2012
2! hours

Candidate's Signature

Date



THE KENYA NATIONAL EXAMINATIONS COUNCIL
Kenya Certificate of Secondary Education
HOME SCIENCE

Paper 1
(Theory)
2 hours

441/1- Home Science PI
Monday 11.15 am - 1.45 pm
22/10/12 (2nd session)

Instructions to candidates

- (a) Write your name and index number in the spaces provided above.
- (b) Sign and write the date of examination in the spaces provided above.
- (c) This paper consists of **three** sections: **A, B and C**.
- (d) Answer **all** the questions in sections **A and B** and any **two** questions from section **C** in the spaces provided. "
- (e) **This paper** consists of **12** printed pages.
- (j) **Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.**

For Examiner's use only

Section	Questions	Maximum Score	Candidate's Score
A	1-21	40	
B	22	20	
C		20	
		20	
Total Score		100	

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HOME SCIENCE

Paper 1

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Turn over

SECTION A (40 marks)

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

1 Give **two** functions of Vitamin A in the body. (2 marks)

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.....

2 State **two** symptoms of goitre. (2 marks)

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.....

3 Outline **two** precautions to take when handling calabashes. (2 marks)

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4 Give **two** reasons for using dried fruits in cake making. (2 marks)

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5 Distinguish between **shallow and deep** fat frying. (2 marks)

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6 Give **two** methods of removing dust from surfaces in a home. (2 marks)

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7 Give **two** advantages of using loose covers in the home. (2 marks)

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8 State **two** ways of disposing refuse economically. (2 marks)

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9 Define good grooming. (1 mark)

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.....

10 Give **two** ways in which medicine can be abused. (2 marks)

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11 State **two** benefits of manipulative play. (2 marks)

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.....

12 State **two** problems that may occur on the feet as a result of wearing tight fitting shoes. (2 marks)

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13 Giving an example in each case, differentiate between **goods** and **services**. (2 marks)

.....
.....

14 List two vegetable stains that commonly occur in homes. (1 mark)

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.....

- 15 Give **two** reasons for starching articles. (2 marks)

.....

- 16 State **two** precautions to take when laundering viscose rayon. (2 marks)

.....

- 17 Give **two** examples of inconspicuous seams. (2 marks)

.....

- 18 Identify **two** functions of openings on a garment. (2 marks)

.....

- 19 State **two** advantages of using tacking stitches. (2 marks)

.....

- 20 Differentiate between **trimmings** and **trimming** as used in clothing construction. (2 marks)

.....

- 21 Complete the following table on classification of fibres.

FIBRE	CLASS
Viscose Rayon	
	Elastofibre
Polyester	
Asbestos	

(2 marks)

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HOME SCIENCE

Paper 1

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SECTION B (20 marks)

(COMPULSORY)

Answer question 22 in the spaces provided.

22 You are planning to host your sister's graduation party at home.
In preparation for the occasion;

- (a) Without the use of chlorine, outline the procedure you would use to make muddy contaminated water safe for drinking and store ready for use. (6 marks)
- (b) Outline the procedure you would follow to thoroughly clean the plastic chairs to be used for the occasion. (8 marks)
- (c) Describe the procedure you would follow when laundering a coloured cotton handkerchief. (6marks)

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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) Giving a reason in each case, state **four** rules to observe when making short crust pastry. (8 marks)
- (b) Explain **three** hygiene practices to observe during food storage. (6 marks)
- (c) Explain **three** points to take into account when buying baking tins to ensure quality. (6 marks)
- 24** (a) Outline the steps followed in making pin tucks. (6 marks)
- (b) Explain **four** qualities of a well made in-seam pocket. (8 marks)
- (c) Describe the procedure of laundering a polyester pair of trousers. (6 marks)
- 25** (a) Outline the procedure of daily cleaning a baby's bedroom. (6 marks)
- (b) Giving **two** reasons in each case, identify a method of lighting each of the following rooms;
- (i) Study room
- (ii) Living / sitting room (6 marks)
- (e) Explain **four** practices necessary for maintaining healthy teeth. (8 marks)

