
KENYA NATIONAL EXAMINATION COUNCIL

KCSE 2007

HOME SCIENCE PAPER 1

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Home Science Paper 1

Name Index No...../.....

441/1
HOME SCIENCE
Paper 1
(Theory)
Oct, /Nov. 2007
2½ hours

Candidate's Signature

Date

THE KENYA NATIONAL EXAMINATIONS COUNCIL
Kenya Certificate of Secondary Education
HOME SCIENCE
Paper 1
(Theory)
2½ hours

INSTRUCTIONS TO CANDIDATES

Write your name and index number in the spaces provided above.
Sign and write the date of examination in the spaces provided above.
This paper consists of three sections: A, B and C.
Answer all the questions in sections A and B and any two questions from section C.
Answers to ALL questions must be written in this booklet.

For Examiner's use only

Section	Questions	Maximum Score	Candidate's Score
A	1 - 24	40	
B	25	20	
C		20	
		20	
Total Score			

This paper consists of 11 printed pages

Candidates should check the question paper to ascertain that all the pages are printed as indicated and no questions are missing.

7045

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Turn over

- 1 Give **two** ways of making water safe for drinking. (2 marks)
- 2 Mention **two** methods of preserving fruits without using a refrigerator. (1 mark)
- 3 Name the biological agent used in bread making. (1 mark)
- 4 Identify **two** precautions to take when cleaning glass utensils. (2 marks)
- 5 State **two** advantages of convenience foods. (2 marks)
- 6 Suggest **two** reasons why chicken curry with fried potatoes is not a suitable meal for a person convalescing from typhoid. (2 marks)
- 7 A cake was cooked on the outside but uncooked in the inside. Suggest possible causes. (2 marks)
- 8 Your five year old cousin has the following signs:
 - (i) oedema
 - (ii) protruding stomach
 - (iii) scattered thin hair.

The nutritional disorder exhibited is (1 mark)
- 9 What causes fainting? (1 mark)
- 10 Haemorrhoids are (1 mark)
- 11 Apart from pregnancy, identify **four** reasons for missing menstruation. (2 marks)
- 12 State points to remember while cleaning a sickroom. (2 marks)
- 13 Describe the following terms as used in child development:
 - (a) physical play (1 mark)
 - (b) imaginative play. (1 mark)
- 14 Define ventilation. (1 mark)
- 15 State **two** disadvantages of maisonnettes. (2 marks)
- 16 Identify **two** factors that influence the choice of colour scheme of a room. (2 marks)
- 17 List **four** fabrics which cannot be disinfected by boiling. (2 marks)
- 18 Give **two** reasons for rinsing clothes. (2 marks)
- 19 Why is impulse buying not encouraged? (1 mark)
- 20 Mention **two** uses of a thimble. (2 marks)
- 21 Identify **two** permanent machine stitches. (1 mark)
- 22 Give **two** methods used for transferring pattern markings on to a fabric. (2 marks)
- 23 The size of a French seam is determined by: (2 marks)
- 24 List **two** fastenings suitable for a toddler's garment. (2 marks)

SECTION B (20 marks)

COMPULSORY

Answer this question in the spaces provided at the end of section C.

- 25 You are planning to go for a picnic.
 - (a) Giving reasons, outline the procedure you would use to thoroughly clean a synthetic bag without a base board. (8 marks)

- (b) Outline the steps to follow when laundering the woollen sweater you will wear. (12 marks)

SECTION C (40 marks)

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

- 26 (a) Mention **three** uses of maize in the home. (3 marks)
- (b) Identify **four** major nutrients found in maize. (4 marks)
- (c) (i) Describe **four** changes that take place when boiling dry maize. (4 marks)
- (ii) Suggest **three** ways of shortening the cooking time of dry maize. (3 marks)
- (d) Explain **three** considerations to make when selecting a storage facility for dry maize. (6 marks)
- 27 (a) Outline **four** preparations to make for the baby's arrival. (4 marks)
- (b) Describe **two** ways of sterilizing a baby's feeding equipment. (2 marks)
- (c) Explain **two** benefits of attending post-natal clinic. (4 marks)
- (d) (i) Give the systematic order of placing bedding items when preparing a baby's cot. (7 marks)
- (ii) State **one** function in each case of any **three** of the bedding items mentioned in d (i) above. (3 marks)
- 28 (a) Explain **four** properties of cotton that make it suitable for pyjamas. (8 marks)
- (b) Suggest **four** features that can be used to finish pyjamas decoratively. (4 marks)
- (c) Give **three** reasons for ironing pyjamas. (3 marks)
- (d) Explain **five** desirable qualities of an ironing board. (5 marks)