Name	Index No
	Candidate's sign
	Date

441/1 HOME SCIENCE (THEORY) Paper 1 March/April, 2020 2 ½ Hours

POST EVALUATION EXAMINATION

Kenya Certificate of Secondary Education

441/1
HOME SCIENCE
(THEORY)
Paper 1
March/April, 2020
2 ½ Hours

Instructions to candidates

- 1. Write your name and index number in the spaces provided above.
- 2. Sign and write the date of the examination in the space provided
- 3. This paper consists of three sections A, B and C.
- 4. Answer all questions in Section A and B and any TWO questions from section C
- 5. Answers to all questions must be written in this booklet
- 6. This paper consists of 10 printed pages.
- 7. Candidates should answer the questions in English.

FOR EXAMINER'S USE ONLY

SECTION	QUESTION	MAXIMUM SCORE	CANDIDATE'S SCORE
A	1 – 40	40	
В	41a, b	20	
С	42	20	
	43	20	
	44	20	
	TOTAL	100	

SECTION A: (40 MARKS)

Attempt ALL questions in this section. Write answers in the spaces provided.		
Give two measuring tools in needlework.	(1	mar
Point out the major difference of cotton and wool viewed under a microscope	(1 mark)	
Explain the term dredge as used in flour mixtures	(1 mark)	
Give two uses of salt in laundry work	(1	 mar
What is consumer education	(1 mark)	••
Outline two major signs of goitre	(1	 mai
Suggest two other methods of storing clothes and household linen apart from fol	lding (1 mark)	••
State two factors that make biogas an unpopular fuel.	(1	 ma:
Give two reasons for serving water in a meal	(1 mark)	
Describe how you would store maize flour in the kitchen	(1 mark)	
Outline two advantages of using a potato peeler over a kitchen knife.	(1	 ma

12.	Give two suggestions for painting your ceiling boards with a light colour.	(1 mark)
13.	Elastic fibres are used to make foundation garments. Give two examples of such	(1 mark)
14.	Note down two effects of deep-frying protein foods without coating (1 mark)	
15.	State two advantages of choosing boiling as a method of cooking	(1 mark)
16.	Name two types of seams that are stitched twice.	(1 mark)
17.	Explain how food preservation is achieved through smoking mark)	
18.	Outline two ways of achieving shirring in disposal of fullness	(1 mark)
19.	Give two disadvantages of prolonged use of convenience foods	(1 mark)
20.	List two ways of saving time and energy during cooking.	(1 mark)
21.	Describe how to take hip measurements	(1 mark)
22.	Point out two non-decorative patches in repair of clothes and household articles (1 m	

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23.	Define home science as a competence-based subject.	(1 mark)
24.	Mary is under taking her teaching practice in a far off county. State two most	
	methods of acquiring shelter before she resumes her studies.	(1 mark)
25.	Outline two possible causes of decreased demand of free dresses by expectan	(1 mark)
26.	What is rinsing as used in laundry work	(1 mark)
27.	State two social reasons for wearing shoes	(1 mark)
28.	Point out two uses of temporary stitches in clothing construction	(1 mark)
29.	Name two special treatment done before final rinsing	(1 mark)
30.	State two disadvantages of using powdered formulae to feed the baby	(1 mark)
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31.	Give two factors that determine the length of a skirt	(1 mark)
32.	Give two sources of natural food poisoning	(1 mark)
33.	List two qualities of a good girls' teddy bear	(1 mark)
34.	State two methods of attaching collars	(1 mark)

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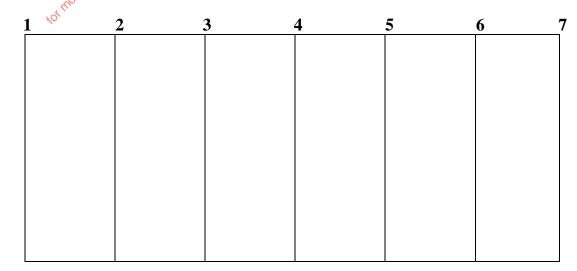
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SECTION C: (40 MARKS)

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

- 42. Highlight **four** signs of a woman who is likely to have twins (4 marks) a) b) State and explain **four** negative effects of advertisement to the consumer (4 marks) Giving a reason, mention **four** blood tests carried out in an antenatal clinic (4 marks) c) Mention **four** ways through which an individual may suffer from anaemia. (4 marks) d) Describe **four** methods used to transfer pattern markings (4 marks) e) You are giving a talk to 'mothers union' on the care of invalids. Give **four** points you 43. a) would include on preventive measures (4 marks) Explain **four** importance of preparing a shopping list before going for shopping b) (4 marks) c) Identify **four** ways in which measles can be managed in (6 marks) Give **four** benefits of vitamin B2 in the human body. d) (4 marks) Balance points are matched with other similar ones. Point out **four** areas where they e) are likely to be put on a garment (4 marks) Outline **four** factors to bear in mind when picking flowers to arrange 44. a) (4 marks) Explain the following terms as used in consumer education; b) (4 marks) Fixed expenditure (i) Consumer exploitation (ii) State **four** principles used when administering first Aid to a victim of poison c) (4 marks)
 - d) State and explain **four** nutrient conservation measures taken during food preparation before cooking (4 marks)
 - e) Use the pattern markings below to describe the working of an invested pleat (5 marks) Include a clearly labelled diagram.



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