

NAME: \_\_\_\_\_ INDEX NO. \_\_\_\_\_

EXAMINATION DATE: \_\_\_\_\_ SIGN: \_\_\_\_\_

**GATUNDU SUB COUNTY FORM FOUR JOINT EVALUATION  
EXAMINATION**

441/1

HOME SCIENCE

PAPER I

(THEORY)

JULY/AUGUST 2016

2 ½ HRS

**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.
- (c) This paper consist of three sections: A,B and C.
- (d) Answer all the questions in sections A and B and any two questions from section C.
- (e) Answers to all the questions must be written in the spaces provided in this booklet.
- (f) Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.
- (g) Candidates should answer in English.

For Examiners Use only.

Section	Question	Maximum Score	Candidates' Score
A		40	
B		20	
C		20	
		20	
	Total Score	100	

**SECTION A: (40 marks)**

Answer **all** the questions in this section in the answer booklet provided.

1. Give four characteristics of a good ironing surface. 2mks

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2. State two laundry processes to carry out before washing a cotton shirt/blouse. 2mks

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3. Give two points to look for when selecting a toilet brush.

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4. State two reasons why it is not advisable to use steelwool for cleaning calabashes. 2mks

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5. Mention three disadvantages of buying a house. 3mks

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6. State three points on the care of a kitchen wastebin. 3mks

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7. State two aspects of development brought about by child play. 2mks

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8. State two roles of consumer organizations in Kenya. 2mks

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9. Mention two factors which influence the choice of a cooking method. 2mks

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10. State two factors that may make meat dry and tough after roasting. 2mks

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11. Give four reasons for coating food before deep-frying. 2mks

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12. State two ways of preventing rickets. 2mks

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13. Apart from nutritional deficiency, name two other causes of anaemia. 2mks

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14. State how silk reacts when burnt. 3mks

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15. Give one way of identifying warp threads in a woven fabric in the absence of the selvedge.  
1mk

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16. List three qualities to look for in a pair of cutting out scissors. 3mks

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17. Give a reason for:- 2mks

- (a) Stay-stitching.
- (b) Top-stitching.

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18. Suggest three ways of lengthening a skirt. 3mks.

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**SECTION B: (20mks)**

**Answer question 19 in the spaces provided.**

19. Your mother has asked you to carry out some house hold chores.

- (a) Thoroughly clean an aluminium saucepan that you have used to prepare stew. 6mks
- (b) Dry clean your father's polyester tie and keep it ready for use. 9mks
- (c) Thoroughly clean your toothbrush. 5mks

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**SECTION C: 40mks**

Answer **ANY TWO** questions from this section in the answer booklet provided.

20. (a) Mention four ways of improving maize meal porridge. 4mks  
(b) Explain three precautions to take when using an oven when baking cakes. 6mks  
(c) Explain six factors to look for when selecting a frying pan. 6mks  
(d) Explain four uses of carrots in cookery. 4mks
21. Identity two fibres in each case with the properties listed bellow:- 5mks
- (i) Stronger when wet.
  - (ii) Weaker when wet.
  - (iii) Elastic
  - (iv) Lustrous
  - (v) Flares up with a yellow flame.
- (b) Describe the procedure of taking the following body measurements:- 7mks
- (i) hips
  - (ii) inside arm length
  - (iii) crouch
- (c) Using diagrams, describe the procedure of preparing a straight collar without interfacing ready for attachment. 8mks
22. (a) Discuss four desirable qualities of a good clothes' line. 4mks
- (b) Explain five ways of disposing refuse in the home. 5mks
  - (c) Explain five factors to consider when selecting an electric iron. 5mks
  - (d) Giving a reason in each case, state three factors to consider when weaning a baby. 6mks