

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

441/1
HOME SCIENCE
Paper 1
(THEORY)
Oct./Nov. 2015
2½ hours

Candidate's Signature.....

Date.....



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

05400101

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.**
- (e) Answers to **all** the questions must be written in the spaces provided in this booklet.
- (f) This paper consists of **16 printed pages.**
- (g) Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.
- (h) Candidates should answer the questions in English.

For Examiner's Use Only

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



SECTION A: (40 marks)

Answer ALL the questions in this section in the spaces provided.

1 Define the following terms as used in meal planning: **(2 marks)**

(a) blanch;

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(b) essence.

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2 State **two** reasons for basting foods while cooking. **(2 marks)**

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3 Give **two** uses of carbohydrates in the body. **(2 marks)**

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4 State **two** ways of conserving vitamin C in green leafy vegetables during preparation. **(2 marks)**

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5 Highlight **two** disadvantages of réchauffé dishes. (2 marks)

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6 Name **two** waterborne diseases caused by poor sanitation. (1 mark)

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7 State **two** ways of enhancing personal appearance. (2 marks)

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8 Identify **two** ways of meeting the emotional needs of a patient recuperating at home. (2 marks)

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9 Distinguish between a cesspool and a soak pit. (2 marks)

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10 Name **four** locally available materials that can be used to improvise cleaning abrasives. (2 marks)

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11 State **two** advantages of regular cleaning of household items. (2 marks)

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12 State **two** factors to consider when caring for a pit latrine. (2 marks)

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13 Differentiate between a need and a want. (1 mark)

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14 Highlight **two** advantages of having labels on consumer products. (2 marks)

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15 Name **two** examples of builders added to soaps and soapless detergents during manufacture. (1 mark)

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16 Give the main reason for repairing clothes before laundering. (1 mark)

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17 State **two** advantages of using soft water in laundry work. (2 marks)

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18 Give **three** points to consider when selecting the fabric to use when practising stitching for beginners. (3 marks)

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19 Outline **two** reasons for blending fibres. (2 marks)

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20 State **two** factors to consider when fixing a zip on a garment. (2 marks)

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21 Identify **three** ways of attaching a collar to the neckline. (3 marks)

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SECTION B: (20 marks)

COMPULSORY

Answer Question 22 in the spaces provided.

22 You are at home over the weekend. Outline the procedure you would use for each of the following:

- (i) laundering a woollen sweater; (11 marks)
- (ii) cleaning a stainless steel sink; (5 marks)
- (iii) cleaning an enamel cup. (4 marks)

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SECTION C: (40 marks)

Answer any TWO questions from this section in the space provided after question 25 (c).

- 23** (a) Explain **three** general rules to observe when making batters. (6 marks)
- (b) Outline **six** reasons for including fruit salad in a meal. (6 marks)
- (c) Explain how the following factors influence consumer buying:
- (i) inflation;
 - (ii) family set up;
 - (iii) time and energy;
 - (iv) self image. (8 marks)
- 24** (a) Outline **four** qualities of a well made cuff. (4 marks)
- (b) Classify laundry equipment and in each case give **two** examples. (8 marks)
- (c) Explain **four** factors to consider when choosing a seam in garment construction. (8 marks)
- 25** (a) Highlight **four** pieces of information found on a receipt of goods sold. (4 marks)
- (b) Explain **four** ways of ventilating a room using windows. (8 marks)
- (c) Explain **four** factors that may affect normal foetal development. (8 marks)