

NAME..... INDEX NO.....

441/1  
HOME SCIENCE  
PAPER 1  
(THEORY)  
JULY/AUGUST, 2016  
TIME: 2½ HOURS

CANDIDATE'S SIGN.....

DATE.....

**KIRINYAGA CENTRAL SUB-COUNTY EFFECTIVE FORTY  
JOINT EXAMINATION – 2016**

**Kenya Certificate of Secondary Education  
HOME SCIENCE  
PAPER 1  
(THEORY)  
TIME: 2½ HOURS**

**INSTRUCTIONS TO CANDIDATES:**

1. Write your **name**, **index number** in the spaces provided.
2. **Sign** and write **date** of the examination in the spaces 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** in the spaces provided.
5. Answers to all questions **MUST** be written in this booklet.
6. Candidate 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	Question	Maximum Score	Candidate's Score
A	1 – 20	40	
B	21	20	
C	22	20	
	23	20	
	24	20	
TOTAL SCORE		100	

**SECTION A: (40 MARKS)**

**Answer ALL the questions in this section in the spaces provided:**

1. What are cosmetics? (1 mark)

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2. State **three** causes of poor sanitation in most towns. (3 marks)

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3. State **two** points to consider when cleaning oil painted walls. (2 marks)

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4. Identify **two** reasons for pouring hot water down the sink after cleaning. (2 marks)

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5. Give **one** main disadvantage of using sodium bicarbonate in flour mixtures. (1 mark)

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6. State **four** reasons for using loose seat covers in house. (2 marks)

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7. What is insomnia in pregnant women? (1 mark)

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8. Mention **two** problems a consumer faces today. (2 marks)

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9. State **three** dangers or excessive weight gain during pregnancy. (3 marks)

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10. Give **two** advantages of sorting clothes before washing. (2 marks)

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11. Why should fruit salads be included in a meal? (2 marks)

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12. Identify **four** methods of preventing loss of colour during the laundering of loose coloured garments. (2 marks)

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13. Define a cover in table setting. (1 mark)

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14. State **four** causes of anaemia. (2 marks)

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15. Mention **two** function of an opening in a garment. (2 marks)

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16. Give **three** advantages of home based care of the sick. (3 marks)

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17. Mention **two** uses of temporary stitches. (2 marks)

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18. The colour wheel helps in the choice of a good colour scheme of the house. What is the meaning of the following terms. (2 marks)

(a) Monochromatic colour scheme.

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(b) Single complimentary harmony.

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19. Give **three** methods of finishing darts. (3 marks)

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**SECTION C: (40 MARKS)**

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

22. (a) Explain **three** factors that affect normal foetal development. (6 marks)
- (b) Discuss **three** ways you would encourage a patient to eat. (6 marks)
- (c) Give **three** disadvantages of renting a house. (3 marks)
- (d) Mention **five** factors that affect individual nutritional requirements in meal planning. (5 marks)
23. (a) Highlight **two** advantages of using leftover food to produce a family meal. (4 marks)
- (b) Give **three** factors that influence the layout plan when using a commercial pattern. (3 marks)
- (c) Describe the procedure of cleaning a table-top gas cooker. (7 marks)
- (d) With the aid of diagrams, describe the working of single pointed dart. (6 marks)
24. (a) Discuss the role of play in a child's physical development, social development and mental development. (6 marks)
- (b) Give **three** reasons for using interfacing on a garment during construction. (3 marks)
- (c) Highlight **four** preventative measures to be taken to prevent the spread of water-borne diseases. (4 marks)
- (d) Describe the procedure of preparing an interfaced shirt collar before attaching. (7 marks)

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