**SCHOOL……………………………………………………………………………….**

**Kenya Certificate of Secondary Education**

**441/ 1 - HOME SCIENCE - Paper 1**

**(THEORY)**

**JULY/AUGUST 2019 - 2 ½ Hours**

**Name……………………………………………Index No……………………………..**

**Candidate’s sign……………………..................Date………………………………….**

**Instructions to candidates**

1. Write your name and index number in the spaces provided above.
2. Sign and write the date of examination in the spaces provided above.
3. This paper consists of **three** sections **A**, **B** and **C.**
4. Answer all the questions in section **A** and **B** and any two questions from section **C**.
5. Answers to all questions must be written in the spaces provided in this booklet.
6. This paper consists of 9 printed pages.
7. Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.
8. Candidates should answer the questions in English.

**For Examiner’s Use Only**

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| **Section** | **Question** | **Maximum score** | **Candidate’s score** |
| A | 1 – 20 | **40** |  |
| B | 21 | **20** |  |
| C | 22-24 | **20**  **20** |  |
|  | **Total Score** | **100** |  |

**SECTION A (40MARKS)**

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

1. Mention **two** dangers of misuse of cosmetics (2 marks)

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2. Give **two** factors to consider when building a family house (2 marks)

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3. Identify the use of the following tools in the kitchen. (2 marks)

i) Meat tenderizer

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ii) Paring knife

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4. Discuss **four** dangers of incorrect disposal of polythene bags (2 marks)

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5. Give **two** precautions to take in order to avoid fire accidents in the kitchen (2 marks)

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6. State **two** desirable qualities of a kitchen floor (2 marks)

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7. What is meant by the following terms in cookery (2 marks)

i) Basting

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ii) Simmering

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8. Suggest **two** reasons which make light weight cotton suitable for beginners in sewing. (2 marks)

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9. Mention **two** uses of running stitches. (2 marks)

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10. Suggest **two** reasons why synthetic detergents are popular for laundry work. (2 marks)

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11. Give **two** symptoms of marasmus (2 marks)

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12. State **two** roles of vitamin D. (2 marks)

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13. State **two** preparations to make on commercial paper patterns before laying (2 marks)

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14. Name the **four** methods of neatening raw edges. (2 marks)

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15. Define the following terms (2 marks)

i) Ventilation

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ii) Convenience foods.

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16. State **two** disadvantages of complementary feeding. (2 marks)

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17. Suggest **two** points to look for when choosing a toy for a child (2 marks)

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18. Suggest **four** methods of incorporating air mechanically into floor mixtures. (2 marks)

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19. Give **four** reasons why labels are important to a consumer (2 marks)

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20. Identify **two** roles of the shank in the garment construction. (2 marks)

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**SECTION B (20MARKS)**

**This section is compulsory**

21. Your mother has requested you to assist in the following household chores.

(a) Thoroughly clean a glass window. (10 marks)

(b) Launder a loose coloured cotton T-shirt (10 marks)

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**SECTION C (40MARKS)**

**Answer any TWO questions from this section**

22. (a) Explain four ways of saving energy when performing household tasks. (8 marks)

(b) Identify four reasons for using soft furnishing in the home. (4 marks)

(c) i) Give four factors that contribute to a well made hem. (4 marks)

ii) Below is a pattern of a skirt. Label the parts ABCD. ( 4 marks)

A

B 

C

D

Hemline



23. (a) Giving suitable examples, describe the **four** types of child play. (8 marks)

(b) Identify **four** reasons for pressing during garment construction. (4 marks)

(c) i) State **four** factors to consider when planning packed meals. (4 marks)

ii) Explain two methods of credit buying. (4 marks)

24. (a) Explain **three** functions of water in the body. (6 marks)

(b) Giving a reason in each case, state **four** advantages of using a refrigerator in the home (8 marks)

(c) State six qualities of a well made dart. (6 marks)

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