**NAME: ……………………………………………………. INDEX NO. ………………………**

**SCHOOL: …………………………………………………CANDIDATES SIGN: ……………**

**DATE: ……………………………..**

**441/1**

**HOMESCIENCE**

**Paper 1**

**(THEORY)**

**DECEMBER, 2021**

**TIME: 2 ½ HOURS**

**SAMIA JOINT EXAMINATION**

**(Kenya Certificate of Secondary Education)**

**HOMESCIENCE PAPER 1**

**TIME: 2 ½ HOURS**

**INSTRUCTIONS TO CANDIDATES**

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

**FOR EXAMINERS USE ONLY**

|  |  |  |  |
| --- | --- | --- | --- |
| **SECTION** | **QUESTION** | **MAXIMUM SCORE** | **CANDIDATE’S SCORE** |
| A | 1 – 40 | 40 |  |
| B | 41 | 20 |  |
| C | 42 – 44 | 20 |  |
| 42 - 44 | 20 |  |
| **TOTAL SCORE** | |  |  |

**SECTION A**

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

1. Identify two soft furnishings used in the bedroom. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. List two methods of removing dirt from surfaces in the home. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Give two uses of interfacing in garment construction. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Name two vaccines a child should be given by the age of 9 months. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. State two advantages of having labels on consumers products. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Mention two disadvantages of roasting food. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Give two points to consider when choosing flowers for a table arrangement. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. State two factors that determine dietary needs of an individual. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Give two reasons for including whole grain cereal in diet. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Identify two components of a two course meal. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Differentiate between fixed expenditure and flexible expenditure as used in consumer education. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Give two causes of natural food poisoning. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Mention two qualities of a good toy for a girl aged 1½ years old. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Give two uses of temporary stitches in clothing construction. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Why is it important to fold in the flour in creamed cake mixtures using a metal spoon? (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Mention two ways of neatening the lower edge of a sleeve other than using a cuff. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Identify two fabrics which cannot be disinfected by boiling. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Which are the two ways a cook can infect food with germs? (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Note down two effects of deep frying proteins food without coating. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Explain the effect of light and bright colour on a high ceiling. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………............................................................................................................................................................

1. Give two functions of overlaid seam. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Mention two reasons why an expectant mother should be tested for HIV/AIDS. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Suggest two other methods of storing clothes and household linens apart from folding. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Identify two factors that influence the choice of colour scheme of a room. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. List two fastenings suitable for a toddlers garment. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. State two determinants of safe parenthood. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Give two qualities of fabric for making PE short. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Mention two causes of missing stitches during machining. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Give two disadvantages of canned food. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Highlight two factors that encourage the use of convenience foods. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Name two agents of food spoilage. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Identify two methods of attaching a collar. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Define complimentary or supplementary feeding. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Give two qualities of good advertisement. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Outline two points to consider when selecting lighting fixtures. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. What is gusset? (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Give two ways in which a home maker can prevent time wastage. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Give reasons for softening water for laundry work. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Name two commonly known sleeves. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

1. State two disadvantages of using credit cards. (1mk)

………………………………………………………………………………………………………………………………………………………………………………………………………………

**SECTION B: (20 MARKS)**

***COMPULSORY***

1. You have been assigned by your aunt to assist in carrying out some household chores.

Describe how you would

1. Launder a long sleeved silk shirt. (8mks)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Daily cleaning of a toilet. (7mks)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

1. Plastic basin used by your sick uncle. (5mks)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………

**SECTION C: (40 MARKS)**

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

1. (a) Explain any four methods of conserving energy in the home. (8mks)

(b) Give four ways in which the rights of a consumer can be violated. (4mks)

(c) Mention four ways pastry can be kept cool during preparation. (4mks)

(d) State four dangers of careless disposal of polythene bags. (4mks)

1. (a) Explain five reasons why soft furnishings are used in homes. (5mks)

(b) Mention five reasons for pressing during garment construction. (5mks)

(c) State six preventive measures to curb the spread of infections when caring for the sick at home. (6mks)

(d) List four functions of the Kenya Consumer Association. (4mks)

1. (a) Identify five problems related to breast feeding and their remedies. (5mks)

(b) State four disadvantages of rechauffe dishes or cookery. (4mks)

(c) Describe the preparation of interfaced shirt collar before attaching. (7mks)

(d) Name four factors that determine the cleansing action of a detergent. (4mks)

………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………………