**NAME ………………………………..……………….. DATE ………………………….……………**

**INDEX NO. …………….……….……..…..… CANDIDATE’S SIGNATURE …………..…………..**

**441/ 1**

**HOME SCIENCE**

**PAPER 1**

**(THEORY)**

**JULY/ AUGUST 2014**

**TIME: 2 ½ HOURS**

**MBOONI WEST SUB – COUNTY JOINT EVALUATION TEST-2014**

***Kenya Certificate of Secondary Education (K.C.S.E)***

**441/ 1**

**HOME SCIENCE**

**PAPER 1**

**(THEORY)**

**JULY/ AUGUST 2014**

**TIME: 2 ½ HOURS**

**Instructions to candidates**

* Write your name and index number in the spaces above.
* This paper consists of three sections **A**, **B** and **C**.
* Answer all the questions in section **A**, Question 24 **(Compulsory)** in section **B** and any two questions from section **C**.
* Answers to **ALL** questions must be written in this booklet.
* This paper consists of 8 printed pages.
* Candidates should check to ensure that all pages are printed as indicated and no questions are missing

**FOR EXAMINER’S USE ONLY**

|  |  |  |  |
| --- | --- | --- | --- |
| **SECTION** | **QUESTIONS** | **MAXIMUM SCORE** | **CANDIDATES SCORE** |
| **A** | 1 -21 | 40 |  |
| **B** | 22 | 20 |  |
| **C** |  | 20 |  |
|  | 20 |  |
| **TOTAL SCORE** | | **100** |  |

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**441/ 1**

**Home science**

**Paper 1**

**(Theory)**

**SECTION A (40MARKS)**

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

1. Give any two ways in which the flavor of food can be enhanced (2marks)

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1. Mention two factors which affect the prices of fruits and vegetables in the market (2marks)

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1. State two ways of enhancing personal hygiene (2marks)

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1. Mention two diseases that are immunizable and are caused by viruses (2marks)

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1. Mention two factors which have led to the growing use of convenience foods (2marks)

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1. Give two reasons for blanching vegetables before freezing (2marks)

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1. State the use of bodkin during clothing construction (1mark)

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1. Name of gum like substance in fruits that is responsible for jam setting (1 mark)

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1. Give four forms in which laundry soap is made available in shops (2 marks)

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1. Give the difference between needs and wants as stated in consumer awareness (2 marks)

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1. Give the function of the following parts of a sewing machine (2 marks)
2. Spool pin

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1. Feed dog

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1. Stitch length regulator

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1. Presser foot

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1. List two precautions to take when handling and storing fuels in the home (2 marks)

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1. State two reasons for serving soup to the sick (2 marks)

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1. List two reasons why refuse should be disposed of appropriately (2 marks)

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1. Give two advantages of home confinement (2 marks)

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1. Suggest two reasons which may cause menstruation to cease (2 marks)

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1. Give two characteristics of clothes that develop static electricity (2 marks

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1. Mention two ways in which the study of home science benefits an individual (2 marks)

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1. State two factors that determine the cleansing action of a detergent (2 marks)

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1. Give two needs of the sick that may affect the healing process (2marks)

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1. Suggest two reasons that may lead to a mother giving birth to a deformed baby (2marks)

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**SECTION B (20 MARKS)**

**Compulsory**

**Answer question 22 in the spaces provided**

1. Your mother is away attending a seminar and has asked you to help the househelp with a few odd jobs in the house over the weekend
2. Explain how you would thoroughly clean a discolored melamine cup (5 marks)
3. Describe how you would clean a hurricane lamp and leave it ready for use (omitting the glass) ( 9 marks)
4. Outline the procedure you would follow to dry clean and finish your fathers polyester tie (6 marks)

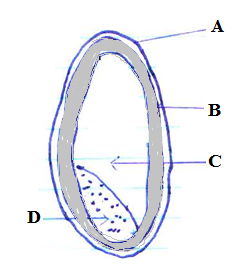
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**SECTION C (40 MARKS)**

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

1. a) Explain 6 dangers of land pollution to mankind (6 marks)

b) The diagram below shows a longitudinal section of a wheat grain



1. Label parts A,B,C,D (4 marks)
2. Name two nutrients found in part A and two found in part D (4 marks)

c) Outline 6 advantages of proper ventilation in a house (6 marks)

1. (a) Name 4 agencies that protect consumers and their functions ( 4marks )

(b) Outline 4 preparations that one needs to carry out on a sewing machine in readiness for stitching

(4marks)

(c) Explain 3 nutritional needs of the elderly (6marks)

(d) Describe 3 factors to consider when choosing a seam in garment construction (6marks)

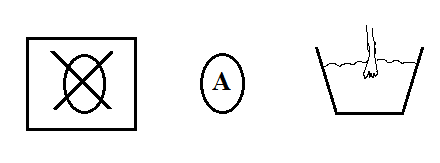
1. (a) Explain three factors you would consider when choosing flowers for a flower arrangement (6marks)

(b) Outline four practices to safeguard against occurrence of food spoilage and poisoning in the home

(4marks)

(c) Describe 4 qualities of well made gathers (4marks)

(d) (i) Interpret the following care label symbols (3marks)



(ii) Explain three things to show the importance of advertisements to consumers (3marks)

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