**NAME…………………………………………………………………………...ADM.NO……………. CLASS………..**

**441/1**

**HOME SCIENCE**

**PAPER 1**

**(THEORY)**

**JULY 2018**

2 ½ hours

**MOKASA II JOINT EVALUATION EXAMINATION**

**Kenya certificate of secondary education**

**(K.C.S.E)**

**441/1**

**HOME SCIENCE**

**PAPER 1**

**(THEORY)**

**JULY 2018**

2 ½ hours

**INSTRUCTIONS TO CANDIDATES**

1. *This paper consists of THREE sections; A, B and C*
2. *answer all questions in section A and B*
3. *Answer any TWO questions in section C*
4. *This paper consists of 11 printed pages. Candidates should check to ensure that all pages are printed as indicated and no question is missing.*

**FOR EXAMINERS USE ONLY**

|  |  |  |  |
| --- | --- | --- | --- |
| **SECTION** | **QUESTION** | **MAXIMUM SCORE** | **CANDITATE SCORE** |
| **A** | **1-40** | **40** |  |
| **B** | **41** | **20** |  |
| **C** | **42****43****44** | **20****20****20** |  |
|  | **TOTAL SCORE** | **100** |  |

**SECTION A: 40 MARKS**

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

1. Give two qualities of a well prepared weaning food (1mk)

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1. Why are fats referred as “shortening” in baking? (1mk)

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1. State two importance of opening in garment construction? (1mk)

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1. Mention two characteristics of a well-made French seam (1mk)

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1. Differentiate between receding and advancing colours (1mk)

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1. Give a reason for washing and rinsing clothes before boiling (1mk)

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1. Point out two importance of a child health card (1mk)

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1. Give two details that could be included in a receipt for any goods/ services sold (1mk)

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1. Give two points to bear in mind when fixing fastenings on a garment (1mk)

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1. Suggest two ways of keeping away flies from the house (1mk)

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1. List two uses of a mangle as used in laundry work (1mk)

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1. Give one main difference between a pleat and a tuck (1mk)

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1. Name two agencies through which consumers are protected in the country (1mk)

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1. People whose diet mainly consists of highly polished or refined cereals are likely to suffer from what nutritional disorder? (1mk)

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1. Give two reasons for sweeping with long-low strokes (1mk)

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1. What is ventilation? (1mk)

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1. State two points to observe when hanging clothes in the wardrobe (1mk)

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1. State two desirable qualities of a palette knife (1mk)

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1. Why is hot water poured down the sink after cleaning? (1mk)

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1. Give two reasons for steeping in laundry work (1mk)

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1. Suggest two causes for dry and tough meat after roasting (1mk)

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1. Give one difference between warp and weft thread (1mk)

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1. What is a hatch in relation to food service? (1mk)

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1. Give two qualities to look for when selecting vegetables to be dried for preservation (1mk)

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1. Mention two complications arising from obesity (1mk)

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1. Differentiate between natural and artificial/ man-made fibres (1mk)

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1. State two qualities of a well made back stitch (1mk)

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1. Give two meanings in which the term “patch” is used in clothing construction (1mk)

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1. Mention two advantages of comparative shopping (1mk)

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1. Identify two areas/ sections of a garment where interfacing is applied (1mk)

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1. Hard furnishings fall under two categories. Name them (1mk)

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1. Mention two qualities of a good artificial lighting (1mk)

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1. Give two uses of gas as a source of fuel at home (1mk)

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1. Identify two types of sleeve openings (1mk)

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1. Give two tasks that are carried out during valeting in laundry (1mk)

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1. Other than lack of iron, state two other causes of anaemia (1mk)

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1. Give a brief description of a seam allowance (1mk)

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1. Mention two methods used to reheat leftover stewed beef (1mk)

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1. State two disadvantages of concealed drainage (1mk)

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1. State two uses of cotton swab found in first aid kit (1mk)

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**SECTION B: 20 MARKS (COMPULSORY)**

1. a) Describe how to remove a chewing gum stain from a polyester tie, thereafter dry clean it (7mks)

b) Describe the correct procedure for thorough cleaning a hurricane lamp and leave it ready for use (7mks)

c) Explain how to thorough clean a neglected silver trophy (6mks)

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**SECTION C: 40 MARKS**

Answer any two questions in this section

1. a) i) Define layette (1mk)

 ii) Give five qualities of fabrics suitable for making layette (5mks)

b) Explain two methods of managing fullness in a hem (4mks)

c) Name four accessories used in the house which can be both functional and decorative. In each case specify the functional aspect. (4mks)

d) Explain the three classes of food giving an example in each case (6mks)

 43. a) i) Explain two factors determining the repair method to be used (2mks)

 ii) Outline three points to bear in mind when repairing gaping seams (3mks)

b) One of the main problems of a consumer is scarcity of resources. Name and explain five such resources (5mks)

c) Describe the procedure of making a double pointed dart (6mks)

d) Define the following terms; (4mks)

i) Food hygiene

ii) Kitchen hygiene

iii) Food spoilage

iv) Food poisoning

1. a) Explain five ways one can improvise play toys for older children (5mks)

b) Outline four points on the role of advertisement to the consumer (4mks)

c) Describe three sewing tools and equipment required to transfer pattern markings to a fabric (3mks)

d) Name the five principles of food preservation (21/2mks)

e) Describe the process of making gathers by hand worked stitches (41/2mks)

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