KIKUYU DISTRICT INTERSCHOOLS EVALUATION
KENYA CERTIFICATE OF SECONDARY EDUCATION

441/1
HOMESCIENCE
PAPER 1 (THEORY)
JULY/ AUGUST 2013
TIME: 2\(\frac{1}{2}\) HRS

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 questions in section A and B and ANY TWO questions from section C.
5. Answers to ALL questions MUST be written in this booklet.
6. This paper consist of 8 printed pages.
7. Candidates should check the question paper to ascertain that all pages are printed as indicated and that no questions are missing.

For Examiner’s use only

<table>
<thead>
<tr>
<th>Section</th>
<th>Questions</th>
<th>Maximum Score</th>
<th>Candidates Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>1 - 17</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>B</td>
<td>18</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>18 - 20</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>Total Score</td>
<td></td>
<td>100</td>
<td></td>
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</tbody>
</table>
SECTION A: 40 MARKS

Answer ALL questions in this section in the spaces provided.

1. State two methods of cooking. (2 mks)

2. Give three reasons for cooking food. (3 mks)

3. Highlight three measures to ensure a room where meals are taken is comfortable. (3 mks)

4. An expectant mother visited an ante-natal clinic and she was advised to take extra iron. What was the reason for this? (2 mks)

5. State two qualities of a well made dart. (2 mks)

6. State two differences between pleats and tucks. (2 mks)
7. Give **three** effects of thorough rinsing of clothes. (3 mks)

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8. Name **three** fabrics which are weak when wet. (3 mks)

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9. Highlight **two** negative effects of advertisement to the consumer. (2 mks)

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10. What are chandeliers? (2 mks)

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11. State **three** disadvantages of a concealed drainage? (3 mks)

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12. Size of a french seam is determined by? (2 mks)

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13. State **two** effects of enzymes on fruits and vegetables. (2 mks)

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14. Give **two** ways of using a crossway strip in clothing construction. (2 mks)

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15. Give **three** reasons why interfacings are used on collars. (3 mks)

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16. State **three** factors which determine the amount of sunlight a room receives. (3 mks)

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17. Define the term mildew. (1 mk)

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SECTION B (COMPULSORY) - 20 MARKS

Answer question 18 in the spaces provided.

18. You are preparing for the school’s prize giving day.
   a) Outline the steps you would follow in cleaning your muddy leather shoes with laces. (10 mks)
   b) Explain how to clean water glasses to be used by the guests during the occasion. (5 mks)
   c) Launder a white table napkin to be used by the chief guest. (5 mks)
SECTION C (40 MARKS)

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

19.  a) Fill the blanks indicated by the letters (a) - (j) in the table shown below.  
(10 mks)

<table>
<thead>
<tr>
<th>VITAMIN</th>
<th>SCIENTIFIC NAME</th>
<th>NUTRITIONAL DISORDER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Niacin</td>
<td>Nicotinic acid</td>
<td>(a)</td>
</tr>
<tr>
<td>Vitamin B</td>
<td>(b)</td>
<td>Unhealthy skin</td>
</tr>
<tr>
<td>(c)</td>
<td>Thiamine</td>
<td>(d)</td>
</tr>
<tr>
<td>(e)</td>
<td>(f)</td>
<td>Night blindness</td>
</tr>
<tr>
<td>Vitamin C</td>
<td>(g)</td>
<td>(h)</td>
</tr>
<tr>
<td>(i)</td>
<td>Phylloquinone</td>
<td>Blood taking longer to clot</td>
</tr>
<tr>
<td>Vitamin D</td>
<td>Cholecalciferol</td>
<td>(j)</td>
</tr>
</tbody>
</table>

b) Give five reasons why it would not be advisable to buy a refrigerator on hire purchase.  
(5 mks)

c) State five points to consider when buying spinach.  
(5 mks)

20.  a) Label and state the use of the pattern markings on the diagram shown below.  
(5 mks)

b) Describe six factors to consider when choosing a sewing machine.  
(6 mks)

c) Explain three advantages of budgeting family income.  
(6 mks)

d) Give three reasons for finishing wooden furniture.  
(3 mks)

21.  a) Discuss four important points to observe when using convenience foods.  
(8 mks)

b) Give three reasons why a bedridden invalid should be given plenty of fluids.  
(3 mks)

c) Using clearly labelled diagrams, explain the working of an open seam that is neatened by edge stitching.  
(9 mks)