EXAMINATIONS COUNCIL OF ZAMBIA

JUNIOR SECONDARY SCHOOL LEAVING EXAMINATION (GRADE 9) - 2009

HOME ECONOMICS THEORY 601/1

INTERNAL & EXTERNAL CANDIDATE

MARKS: 100

TIME: 2 HOURS 30 MINUTES

INSTRUCTIONS

1 Pull out the Answer Booklet from the question paper

2 Write your name, examination number, school/centre name and code on the Answer Booklet.

3 Write all your Answers in the Answer Booklet.

4 Candidates are advised to spend about $1 \frac{1}{4}$ hours to all the questions in section A, B and C and $\frac{1}{4}$ hours in section D.

5 Please note that Section D Needlework consists of Theory questions and a small piece of Practical work to be done by hand.

6 Cell phones are not allowed in the examination room.

This question paper consists of 10 printed pages

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Turn over
Section A [24 marks]

NUTRITION AND COOKERY

1. Write down four points to consider when planning the meal for the family.  
   (1 mark each)

2. Match the raising agent in list A with the mixture in list B from the table shown below.

<table>
<thead>
<tr>
<th>LIST A</th>
<th>LIST B</th>
</tr>
</thead>
<tbody>
<tr>
<td>(i) Yeast</td>
<td>Scones</td>
</tr>
<tr>
<td>(ii) Air</td>
<td>Swiss roll and sponge cake</td>
</tr>
<tr>
<td>(iii) Baking Powder</td>
<td>Bread, scones and roles</td>
</tr>
</tbody>
</table>

(1 mark each)

3. What nutrient deficiency would cause the following?
   (i) Scurvy
   (ii) Goiter
   (iii) Rickets
   (iv) Anaemia  
   (1 mark each)

4. Mention the two groups of methods of cooking.  
   (1 mark)

5. Mention one use of cheese in cookery.  
   (1 mark)

6. Name one dish that can be prepared from each of the following ingredients in the table below.

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>Name of Dish</th>
</tr>
</thead>
<tbody>
<tr>
<td>(i) Maalie meal</td>
<td>(i)</td>
</tr>
<tr>
<td>(ii) Short-crust Pastry</td>
<td>(ii)</td>
</tr>
<tr>
<td>(iii) Eggs</td>
<td>(iii)</td>
</tr>
<tr>
<td>(iv) Lemons</td>
<td>(iv)</td>
</tr>
</tbody>
</table>

(1 mark each)

7. Give two reasons why food is coated before frying?  
   (1 mark each)

8. Explain the following terms.
   (i) Decorate
   (ii) Mixed diet  
   (1 mark each)

9. Give two points to consider when choosing fresh fish.  
   (1 mark)
Section B  [18 marks]

LAUNDRY AND HOUSECRAFT

10 Name one household pest found in the home.  

11 State the use of the following:
   (i) Brasso
   (ii) Silvo

12 Write True or False against the following statements.
   (i) Cotton absorbs moisture fast.
   (ii) Linen irons well with a moderate iron

13 Study the diagram of the sink below.

![Diagram of a sink]

Label Parts (i) to (vi)

14 In a short sentence, give one reason for using the following in laundry and housecraft.
   (i) Salt
   (ii) Washing soda
15 Below are diagrams of equipment used in laundry. Name them and state their use.

(a) [Diagram of ironing board]

1 mark each

(b) [Diagram of iron]

1 mark each

16 What kind of method do you use to wash Nylon? (1 mark)

Section C [18 marks]

HYGIENE AND PARENTHOOD

17 Study the diagram below and answer questions 18 'a' and 'b'.

![Diagram of female reproductive system]

(a) What is the shedding of the part labeled B (uterus) called? (1 mark)

(b) What is a:

(i) Fallopian tube or oviduct

(ii) Cervix (1 mark each)
18 State **three (3)** functions of the skin

19 What would you use in place of a tooth brush and toothpaste?

20 Mention **two (2)** physical changes a girl undergoes during puberty and **one (1)** physical change a boy undergoes during puberty.

21 (i) Mention any types of teeth.

(ii) State the use of each of the type mentioned in (i) above.

22 What is the function of the optic nerve of an eye?

**Section D**

**THEORY: [30 MARKS]**

**NEEDLEWORK PRACTICAL: [10 MARKS]**

23 Below is a diagram showing the plain weave of fabric. Name the threads labeled i - iii

![Diagram of plain weave with labels i, ii, and iii](image)

(1 mark each)

24 State the two uses of a crossway strip.

25 Name the seam finishes used in the diagrams below.

![Diagram of seam finishes](image)

1 mark each

1 mark each

26 State any two (2) types of sewing machines

Turn over
27 Identify the following fasteners.

(i) 

(ii) 

(iii) 

R.S.

WS.

R.S.

1 mark each

28 Describe the use of the following parts of the sewing machine

(i) Stop motion screw

(ii) Thread guide

(1 mark each)
29 Name the pattern markings (i) to (v) used on the paper pattern below.

(1 mark each)

30 State the use of a tailors' chalk in needlework?

(1 mark)

31 There are three groups of permanent stitches and these are neatening stitches, decorative stitches and joining stitches. Give examples of these by completing the chart provided in the answer booklet.

(1 mark each)

32 What is the use of the bodkin in needlework?

(1 mark each)
33. NEEDLEWORK PRACTICAL [10 MARKS]

You are going to make part of this skirt.

You have been given three (3) pieces.
1 front skirt
1 back skirt
1 band

The processes included are:

(a) French seam for joining front and back skirt
(b) Neatening the waist with a band
(c) Making a loop on band
(d) Hemming on skirt.

WORKING INSTRUCTIONS

1 Using french seam, join back to front of skirt with W.S. facing. Tack and back stitch 0.5cm. Remove tacking. (Join one side only).
2. Fold along stitched line with R.S. together. Tack and back stitch 0.5cm from edge, enclosing raw edges completely.

3. Join the waist to the skirt. Place R.S. of waist band to the R.S. of the skirt. Tack and back stitch (1cm seam allowance)

Make a 1 cm seam.

4. Fold the turned edge over the raw edge to the W.S. of the skirt. Tack just above back stitch and hem half into position.

Turn over
5 Make a worked loop on one end of the waist band.

6 Hem one bottom part of the skirt. Tack and slip-hem.

DO NOT REMOVE TACKING.
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