



## EXAMINATIONS COUNCIL OF ZAMBIA

### JUNIOR SECONDARY SCHOOL LEAVING EXAMINATION (GRADE 9) – 2011

# HOME ECONOMICS THEORY 601/1

(INTERNAL AND EXTERNAL CANDIDATES)

**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 front page of the **Answer Booklet**.
- 3 Write all your Answers in the **Answer Booklet**.
- 4 Candidates are advised to spend 1 hour 15 minutes on all the questions in section A, B and C and 1 hour 15 minutes 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.

Section A [24 marks]

**NUTRITION AND COOKERY**

- 1 Write a specific use of each of the following equipment.
- (a) Grater [1]
  - (b) Fish slice [1]
- 2 State the method of cooking when preparing the following foods.
- (a) Tough cuts of meat [1]
  - (b) Fresh fish for an invalid [1]
- 3 Write two points to consider when preparing meals for a convalescent. [2]
- 4 (i) Which is better value for money?  
An egg for K800  
A biscuit for K800  
(ii) Give a reason for your answer. [2]
- 5 Complete the chart below by writing the nutrient responsible for each of the functions shown.
- | NUTRIENT | FUNCTION IN THE BODY     |
|----------|--------------------------|
|          | Body building and repair |
|          | Energy giving            |
|          | Protecting from diseases |
- [3]
- 6 State two ways in which air can be introduced into flour mixtures. [2]
- 7 The basic ingredients for short crust pastry are:-  
(i) \_\_\_\_\_ (ii) \_\_\_\_\_ (iii) \_\_\_\_\_ [3]
- 8 Define the following terms.
- (a) Batter
  - (b) Beverage
  - (c) Garnish [3]
- 9 Write two uses of soups. [2]
- 10 Write one function of water in the body. [1]
- 11 State two ways in which vegetables can be preserved. [2]

**Section B [18 marks]****LAUNDRY AND HOUSECRAFT**

- 12 There are different types of stoves on the market. Complete the chart below.

TYPE OF STOVE	FUEL USED

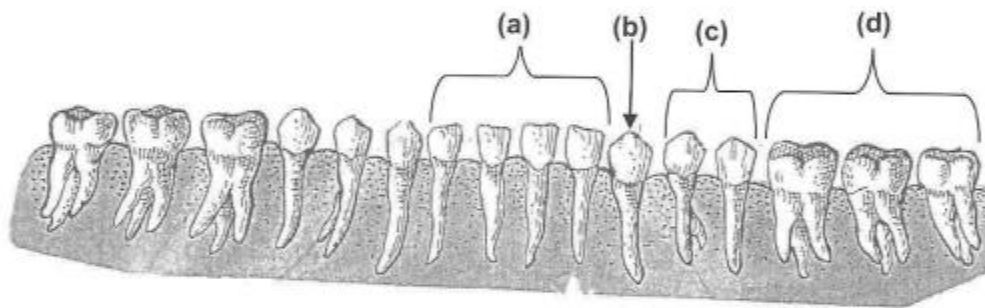
[4]

- 13 Washing clothes is easily done with soft water. Write the two properties of soft water. [2]
- 14 "A stitch on time saves nine". Why do we mend clothes before washing them? [1]
- 15 What method of washing would you use on the following articles?  
 (a) White cotton dress  
 (b) Coloured cotton shirt  
 (c) Woollen cardigan [3]
- 16 Write one reason why clothes are starched. [1]
- 17 Lighting is important in the home. List two types of lighting that you know. [2]
- 18 Write two methods of removing loose dirt. [2]
- 19 Wood is divided into two groups. Name the groups. [2]
- 20 Why is salt used when cleaning a broom? [1]

Section C [18 marks]

HYGIENE AND PARENTHOOD

- 21 Salt and Ash are used for cleaning teeth in place of tooth paste. What are the disadvantages of using
- (i) salt?
  - (ii) ashes?
- [2]
- 22 The outer layer of the skin is called (i) \_\_\_\_\_ and the inner layer of the skin is called (ii) \_\_\_\_\_.
- [2]
- 23 What is the difference between an anti-persperant and a deodorant?
- [2]
- 24 The diagram below shows the arrangement of teeth in an adult's mouth. Name the parts labelled (a), (b), (c) and (d).

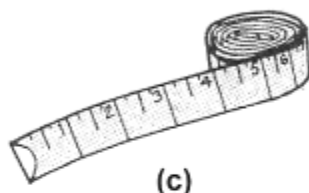
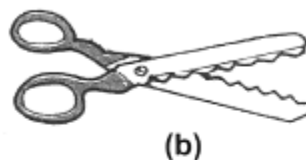
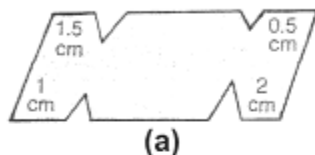


- [4]
- 25 Write one way in which you would care for your eyes.
- [1]
- 26 What are the names given to clinics where
- (a) children under five go to?
  - (b) pregnant mothers go to?
  - (c) mothers who have just delivered go to?
- [3]
- 27 What disease is associated with
- (a) high fever with severe cold and red eyes?
  - (b) frequent passing of watery stool?
- [2]
- 28 In HIV/AIDS education, what do the following letters stand for?
- (a) VCT
  - (b) ART
- [2]

## Section D

**NEEDLEWORK THEORY:[30 MARKS]**

29 Identify the following needlework tools.



[4]

30 Below is a chart on groups of permanent stitches. Identify the groups where they belong.

NAME OF STITCHES	GROUPS OF STITCHES
(i) Back stitch	
(ii) Satin stitch	
(iii) Loop stitch	

[3]

31 Match the fibre in list A with its properties in list B by drawing a line to join the two lists.

## LIST A

Cotton

Linen

Wool

Silk

## LIST B

Very absorbent, elastic, soft and a poor conductor of heat

Very lustrous, light and soft but expensive.

Very strong, not elastic and thus crease easily, resistant to dirt.

Good conductor of heat, may shrink and is not damaged by most chemicals.

[4]

32 List three types of sewing machines.

[3]

33 Write three points to consider when choosing fastenings.

[3]

**34** Draw the following pattern markings.

- (a) Place on fold
- (b) Seam allowance
- (c) Notches

[3]

**35** Define the following terms used in needlework.

- (a) Fray
- (b) Hem
- (c) Lay

[3]

**36** Clearly draw and label lines where each of the following body measurements should be taken.

- (i) Bust
- (ii) Waist
- (iii) Hip



[3]

**37** Seams are classified into two groups, namely flat seams and ridged seams. Name one flat seam and one ridged seam.

[2]

**38** Below are three types of pleats. Identify two types only.

[2]



(i)



(ii)



(iii)

**39 NEEDLEWORK PRACTICAL [10 MARKS]**

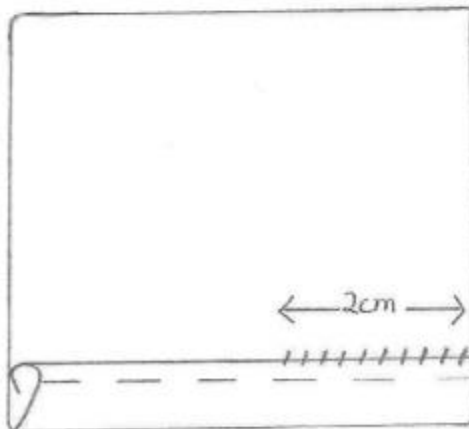
You are going to work a half dress as shown.



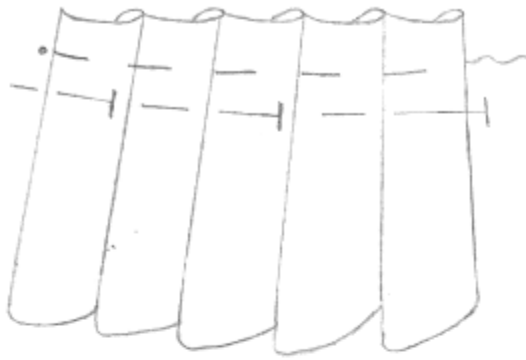
The processes included are:-

- (a) Make a hem on the bottom of the skirt.
- (b) Make knife pleats using tacking stitch.
- (c) Join the skirt to the blouse.
- (d) Neaten the raw edge of the seam with blanket stitch.

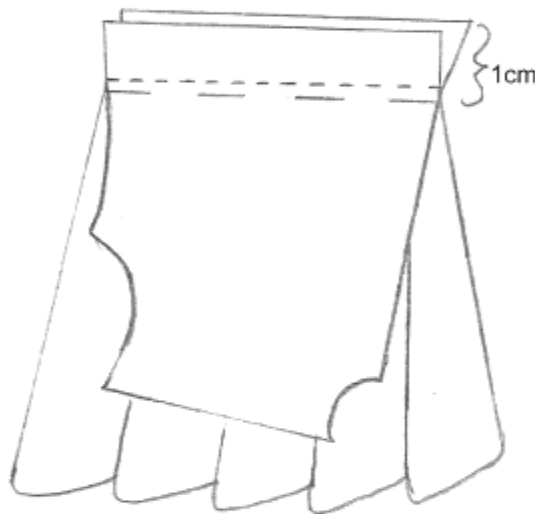
**WORKING INSTRUCTIONS**



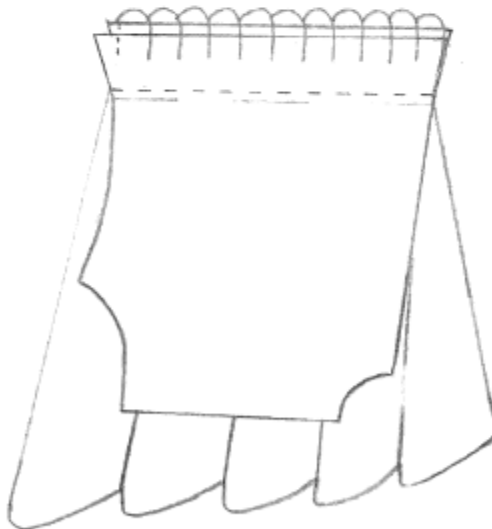
- 1 Make a lay of 0.5cm and a fold of 1cm on the lower edge of the skirt. Tack and sew hemming stitch just two centimeters (2cm) from the starting point. Do not remove the tacking.



- 2 Make knife pleats and use pins to secure them in position. Work out even tacking.  
Do not remove the tacking.



- 3 Join bodice to the skirt. Leave 1cm seam allowance and tack then back stitch.  
Do not remove the tacking.



- 4 Neaten the raw edge with blanket stitch and enclose the raw edge completely.  
Tack the finished sample in your answer booklet on the space provided.



