



EXAMINATIONS COUNCIL OF ESWATINI Junior Certificate Examination

CANDIDATE
NAME

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CENTRE
NUMBER

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CANDIDATE
NUMBER

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CONSUMER SCIENCE

540/02

Paper 2

October/November 2019

Candidates answer on the Question paper.

2 hours

No additional Materials are required.

READ THESE INSTRUCTIONS FIRST

Write your Centre number, candidate number and name on the spaces provided

Write in **blue** or **black** pen.

You may use an HB pencil for any diagrams.

Do not use staples, paper clips, highlighters, glue or correction fluid.

Do **not** open this Question Paper until you are told to do so.

This Question Paper contains **TWO SECTIONS**.

Answer **two** Questions from each section

SECTION A - NUTRITION, FOOD PREPARATION AND HOME MANAGEMENT

SECTION B - CLOTHING & TEXTILES AND LAUNDRY

For Examiners Use	
SECTION A	
SECTION B	
TOTAL MARKS	

This document consists of **14** printed pages and **2** blank pages.

SECTION A

This Section consists of Nutrition, food Preparation and Home Management.

There are **three** Questions in this Section. Answer only **two** Questions.

QUESTION 1

(a) Define the following terms:

i. Dish

.....
.....[2]

ii. Starvation

.....
.....[2]

(b) i. Name the Vitamin that assists in the absorption of iron.

.....[1]

ii. Give the natural source of vitamin D.

..... [1]

(c) Outline **three** ways of keeping water safe for drinking.

- i.
ii.
iii.[3]

(d) In **two** points, explain how food poisoning can be controlled when handling food.

.....
.....
.....[4]

(e) Describe the dietary needs for a pregnant woman in relation to the following nutrients:

- i. Protein:.....
- ii. Calcium
- iii. Iron.....[3]

(f) State **four** rules to follow when preparing salads.

- i
- ii
- iii
- iv[4]

(g) Give **two** advantages of a gas stove.

.....
..... [2]

(h) Answer True (T) for correct statement and False (F) for incorrect statement

- i. Houseflies are attracted by cracked furniture in the house.....
- ii. Cockroaches breed in warm places and moist crevices in walls.....
- iii. Rats enter the house through the window and door only.....[3]

(i) Why is stainless steel an appropriate metal for a kitchen sink?

.....[1]

[TOTAL: 25]

QUESTION 2

(a) Complete the following table, by giving equivalents of the following measures:

HOMELY MEASURES	METRIC MEASURES	
2 dstsp vanilla essence	 ml	
3C warm milk	ml	
1L cold water	 ml	
4 tsp salt	ml	[4]

(b) State **two** functions of dietary fibre in a meal.

.....
.....
..... [2]

(c) Explain **one** function and give one source of each of the following groups in the food pyramid:

i. Cereals and alternative

function

example:..... [2]

ii. Proteins dairy proteins

function

example:..... [2]

(d) Distinguish between nutrition and nutrients.

.....
.....
.....
.....[2]

(e) Explain the advice on the use of fruits and vegetables in order to conserve their nutrients during cooking. Give **two** points.

.....

[4]

(f) Explain the differences between yeast and baking powder.

YEAST

BAKING POWDER

- | | | |
|-----|-------|-----------|
| i. | ..... | ..... |
| ii. | ..... | ..... [4] |

(g) Explain any **three** conditions for cleaning windows.

- | | | |
|------|-------|-----|
| i. | ..... |  |
| ii. | ..... |  |
| iii. | ..... | [3] |

(h) Differentiate between recycling goods and re-using goods.

.....

 [2]

TOTAL [25]

QUESTION 3

(a) Complete the table below. An example has been given for you.

Nutrient	Deficiency disease	One function
Example: calcium	rickets	Works in conjunction with phosphorus for healthy bones and teeth
i. Iron	.....	..... .....
ii. Fluoride	.....	..... .....
iii. Iodine	.....	..... .....

[6]

(b) State any **three** points to consider when planning meals for elderly people.

.....

[3]

(c) (i) Why is it important to coat food before frying? Give **two** points.

1.....

2.....
 [2]

(ii) Why are fried foods avoided in children's meals? Give **two** reasons.

.....
 [2]

(d) State **two** reasons for preserving food that are cost effective.

i.

ii.[2]

(e) Explain how food is preserved using the following methods.

i. Drying

.....

.....[2]

ii. Freezing

.....

.....[2]

(f) Describe the cleaning of a wooden chopping board.

.....

.....

.....

.....[3]

(g) Explain the reasons for doing each of the following in the cleaning of kitchen equipment.

i. Oiling a three legged pot before storage.

.....

ii. Wash plastic in warm soapy water.

.....

iii. Rinsing drinking glasses in water with vinegar.

.....[3]

TOTAL SECTION A: MARKS: 50

TOTAL [25]

SECTION B

CLOTHING & TEXTILES AND LAUNDR

There are **three** Questions in this Section. Answer only **two** Questions.

QUESTION 4

(a) Name the type of pocket found at the front of man's pants.

.....[1]

(b) State **two** ways that can dispose fullness in boys' pants.

i.

ii.[2]

(c) Mention **two** ways of finishing a neckline.

i.

ii.[2]

(d) Give **two** reasons for starching clothes.

i.

ii.[3]

(e) Describe **two** methods that can be used to transfer pattern markings.

i.

.....

ii.

.....

iii.

..... [6]

(f) Give any **three** groups of care labels.

i.

ii.

iii.[3]

(g) State the use of each of the following laundry agents.

i. Bleach

.....
.....

ii. Fabric softener

.....
.....[2]

(h) How can the following stains be removed:

i. Blood stain

.....
.....
..... [3]

ii. Ink stain

.....
.....
..... [3]

[TOTAL: 25]

QUESTION 5

(a) Define the following terms:

i A selvedge

.....
.....[1]

ii True cross

.....
.....[1]

(b) Give the uses of each of the following parts of the sewing machine:

i. Feed plate

.....

ii. Presser foot

.....

iii. Feed dog

..... **[3]**

(c) Give **three** functions of an interfacing in garments.

i.....

.....

ii.....

.....

iii.....

..... **[3]**

(d) State the functions of washing soda in laundry.

i.

ii.

iii. **[3]**

(e) Give a reason for each of the following processes in laundry.

i. Soaking

.....

.....

ii. Drying under shade

.....

.....

iii. Ironing

.....

.....

iv. Airing

.....

..... [4]

(f) Describe how to remove the following stains:

i. Chewing gum

.....

..... [3]

ii. Candle wax

.....

..... [3]

iii. Shoe polish

.....

..... [6]

(g) Differentiate between hard and soft water

(i) Hard water

.....

.....

.....

(ii) Soft water

.....

.....

..... [4]

QUESTION 6

(a) Define the term fibre.

.....
..... [2]

(b) Seams are very important for garment making.

(i) Name the seam suitable for children’s clothes.

.....[1]

(ii) State **one** reason why this seam is suitable.

.....
.....[1]

(c) State any **three** qualities of a good seam.

- 1.
- 2.
- 3.[3]

(d) State **two** points to consider when choosing openings.

.....
.....[2]

(e) Give a reason for each of the following when laundering a woollen item.

i. Measuring the length and width of the garment.

.....
.....

ii. Use knead and squeeze method when washing.

.....
.....

iii. Dry flat under the shade.

.....
.....

iv. Press with a cool iron.

.....
..... [4]

(f) Give **three** types of fasteners suitable for childrens' clothes.

- i.
ii.
iii. [3]

(g) Explain **two** properties of linen that makes it suitable for dish towels.

- i.
.....
ii.
..... [2]

(h) Name and draw **two** care label symbols found in a white cotton shirt.



(i)



(ii)

[4]

(i) Describe how to remove a shoe polish stain.

.....

.....

.....

.....[3]

[TOTAL: 25]

TOTAL SECTION MARKS: 50

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