



EXAMINATIONS COUNCIL OF SWAZILAND

Junior Certificate Examination

CANDIDATE
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CONSUMER SCIENCE

540/02

Paper 2

October/November 2018

Candidates answer on the Question paper.
No additional Materials are required.

2 hours

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 **13** printed pages and **3** blank pages.

SECTION AFor
Examiner's
Use

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) Under nutrition

.....

.....

(ii) Diet

.....

.....[2]

(b) Name the vitamin found in each of the following food items:

FOOD ITEM	VITAMIN
(i) Spinach	
(ii) Citrus fruits	
(iii) Carrots	
(iv) Liver	
(v) Whole wheat	

[5]

(c) Identify **two** mineral salts found in the egg yolk and one function of each.

1. Mineral salt.....

Function

2. Mineral salt

Function[4]

(d) State **two** pieces of information found on the label of a preserve.

(i).....

(ii).....[2]

(e) Give **three** food items which are prone to contamination.

(i).....

(ii).....

(iii).....[3]

(f) State **two** reasons for controlling cockroaches.

(i)

(ii)[2]

(g) (i) Why are kitchen doors given a finish?

.....

(ii) Give **one** example of a finish suitable for a kitchen door.

.....[2]

(h) Describe **two** ways of conserving fuel when cooking.

(i).....

.....

(ii).....

.....[2]

(i) Match the following conditions in list **A** with the result in List **B** on cleaning of windows.

An example has been given.

List A	List B
Windy and dusty day	Smears
Rainy day	Cracks
Very cold day	Scratches
Using a dry cloth	Streaks
	Labour wasted

[3]

TOTAL: [25]

QUESTION 2

(a) Name **two** fruits rich in vitamin A.

(i).....

(ii).....[2]

(b) Give **three** micro-organisms that cause food spoilage.

(i).....

(ii).....

(iii).....[3]

(c) Why is thiamine needed by the body?

(i).....

(ii).....[2]

(d) Which rules are to be considered when planning meals for a convalescent?

(i).....

(ii).....

(iii).....[3]

(e) Describe how the 'wrinkle test' is used to test the setting point in jam making.

.....

.....

.....[3]

(f) (i) Name **two** kinds of waste you can use for composting.

.....

.....[2]

(ii) How is broken glass disposed?

.....

.....[2]

(g) State **three** points to consider when buying a stove suitable for a university student living in a single room flat.

(i)

(ii)

(iii).....[3]

(h) Describe the cleaning of a stained plastic bowl.

.....

.....

.....[3]

(i) Why should drains be washed regularly?

(i)

(ii)[2]

TOTAL: [25]

QUESTION 3

(a) List **three** basic ingredients used for making batters.

(i)

(ii)

(iii).....[3]

(b) Classify salads according to the ingredients used.

(i)

(ii)

(iii).....[3]

(c) Identify **three** nutrients found in the germ of a maize grain.

(i)

(ii)

(iii).....[3]

(d) State **two** functions of phosphorus in the body.

(i).....

(ii).....[2]

(e) Describe **three** healthy eating guidelines for people with diabetes.

(i).....

(ii).....

(iii).....[3]

(f) Mention **one** reason for each of the common faults in flour mixtures:

Lumpy sauce.....

Sour bread.....

Sunken fruit.....

Short and crumbly pastry.....[4]

(g) State the function for each of the following parts of a sink:

Overflow pipe.....

Plug/stopper

U-band[3]

(h) Apart from the type of fuel used, what factors differentiate an electric stove from a coal stove?

Electric stove	Coal stove

[4]

TOTAL: [25]

SECTION B

For
Examiner's
Use

This Section Comprises of Questions from Clothing & Textiles and Laundry.

Answer any **two** questions from this section.

QUESTION 4

(a) Define the following terms:

(i) Stain.....

(ii) Raw edge.....[2]

(b) Which **three** factors are to be considered when choosing a fastener?

(i).....

(ii).....

(iii).....[3]

(c) Give **three** rules for the removal of stains.

(i).....

(ii).....

(iii).....[3]

(d) State **three** characteristics of a good soap.

(i).....

(ii).....

(iii).....[3]

(e) What **four** points are to be considered when cutting out pattern pieces from fabric.

(i).....

(ii).....

(iii).....

(iv).....[4]

- (f) Which hand stitch is applied for the processes below?
- (i) Neatening a raw edge.....
 - (ii) Making gathers.....
 - (iii) Joining pieces of fabric permanently together.....[3]
- (g) Re-arrange the following processes in the order in which they are to be carried out in laundry: ***rinsing, soaking, blueing, washing.***
- (i)
 - (ii)
 - (iii).....
 - (iv).....[4]
- (h) Describe how to clean an electric iron.
- (i).....
 - (ii).....
 - (iii).....[3]

TOTAL: [25]

QUESTION 5

(a) Define the following terms:

Detergent

.....

.....

Laundry

.....

.....[2]

(b) What **two** factors influence the choice of laundry equipment?

(i).....

(ii).....[2]

(c) State **five** symbols that can be found on the care label of a garment.

(i).....

(ii).....

(iii).....

(iv).....

(v).....[5]

(c) Give **two** reasons for each of the following laundry steps.

(i) Sorting

.....

.....

(ii) Rinsing

.....

.....

(iii) Drying

.....

.....[6]

(e) Give a function for each of the following sewing equipment.

Pinking shears.....

Seam ripper.....[2]

(f) State **two** properties that both cotton and linen share.

(i).....

(ii).....[2]

(g) Give **two** armhole finishes suitable for a child's dress.

(i).....

(ii).....[2]

(h) Identify **four** points to be considered when buying a sewing machine.

(i).....

(ii).....

(iii).....

(iv).....[4]

TOTAL: [25]

QUESTION 6

- (a) Match items in column **A** with the correct statement in column **B** using arrows. An example has been given to you.

Column A	Column B
Linen	Woollen fabric
Denim	Animal fibre
Silk	Cotton fabric
Jersey	Vegetable fibre

[3]

- (b) What is a filament fibre?

.....[1]

- (c) List **two** methods commonly used to control fullness in childrens' clothes.

(i).....

(ii).....[2]

- (d) Give abbreviations for the following knitting stitches.

(i) Chain.....

(ii) Slip stitch.....

(iii) Knit.....

(iv) Yarn over.....[4]

- (e) Give **two** types of collars suitable for boy's school shirts.

(i).....

(ii).....[2]

(f) Define the following laundry terms:

Cleaning agents

.....

.....

Soft water

.....

.....

Refuse

.....

.....

[3]

(g) Give **three** advantages of using detergents when laundering clothes.

(i).....

(ii).....

(iii).....[3]

(h) Why is it advisable to use an iron with a temperature control? Give **three** points.

(i).....

(ii).....

(iii).....[3]

(i) Describe how to care for galvanised laundry equipment.

.....

.....

.....

.....

[4]

TOTAL: [25]

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