



EXAMINATIONS COUNCIL OF ESWATINI
Eswatini Primary Certificate Examination

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CONSUMER SCIENCE

PAPER 1

627/01

MARK SCHEME

This document consists of **10** printed pages.

SECTION A - MULTIPLE CHOICE QUESTIONS

1. D
2. B
3. A
4. C
5. A
6. D
7. B
8. D
9. B
10. A
11. B
12. D
13. D
14. C
15. D
16. A
17. B
18. B
19. A
20. A
21. C
22. A
23. B
24. C
25. D

SECTION B – FOOD AND NUTRITION

Question 1

Raising agent:

A substance that you add to a flour mixture when you bake to make the dough rise and become light. [2]

Question 2

Definition of terms

Deficiency disease – a disease caused by a lack of a specific nutrient in the body. [2]

Meal - is a fairly large amount of food that a person eats at regular times during the day. [2]

Question 3 - Classes of fruits

Classes of fruits	examples
Hard fruits	banana.
Stone fruits	mangoes.

[3]

Question 4

Points to consider when planning meals

- Available ingredients
- Consider the gender of the people
- Consider the age of the people
- Consider the health status of the people
- Season of the year
- Time availability
- Type of occasion
- The meal must be balanced
- Consider cooking facilities available
- Expertise of the people

(Any four)

[4]

Question 5 - Food pyramid**(i) Food required in small amounts:**

- Fats
- Oils
- Sugars

(Any two)**[2]****(ii) Importance of the food pyramid in planning meals**

- To show how much of each type of food to eat per day
- It divides food into five food group

[2]**Question 6****(i) Signs of scurvy**

- Spongy gums
- Loose teeth
- Swollen joints

(Any two)**[2]****(ii) Examples of food suitable for a person suffering from scurvy**

Oranges, lemons, guavas, strawberries, spinach, green beans, red cabbage, tomatoes, okra, inkaka, inshubaba.

(Any three)**[3]****Question 7****Testing freshness of an egg**

- (i) Brine solution test:** Put egg in brine solution: if it sinks it is fresh, if it suspended in the middle it is less fresh or few weeks old and if it floats it is stale.
- (ii) Plate and sniff test:** Crack an egg onto a plate, if it have a bright yellow/orange yolk and white do not spread much it is fresh but if it have a flatter yolk and the white be runny it is old.
- (iii) Shake test:** Shake the egg, if it does not makes a sound it is fresh but if it makes a sound it is not fresh.

- (iv) **Shell test:** Feel the egg in your hand, if it is rough it is fresh but if it is smooth it is old.
- (v) **Light test:** Hold the egg against light, if the yolk is clear it is fresh but if it has a dark spot inside it is old.

(Any three well explained ways)

[6]

SECTION C - CLOTHING AND TEXTILES AND LAUNDRY

Question 1

Functions of needle work tools

Tape measure – for measuring the fabric

taking body measurements.

Tracing wheel - or transfer pattern markings.

Pinking shears - for pick up small items that are too small to pick up with your finger.

- for cutting raw seams to prevent fraying of fabric.

[3]

Question 2

Drawings of Pattern markings

(i) -----

(ii) **Place on fold drawing**



[2]

Question 3

Examples of the natural fibres

[4]

Natural fibre	examples
Plant	(i) cotton
	(ii) linen
Animal	(i) wool
	(ii) silk

Question 4**Neatening an open seam**

- (i) edge stitching
- (ii) overcasting
- (iii) blanket stitch
- (iv) zigzag stitching
- (v) cut with a pinking shears.
- (vi) Use bias binding
- (vii) Use crossway strips

(Any three)**[3]****Question 5****Reasons for the laundry processes**

- (i) **Airing**- to remove dampness, to have a fresh smell
- (ii) **Sorting**- to prevent staining of clothes.
- (iii) **Dampening**- for easy ironing

[3]**Question 6****Methods of disposing fullness**

- (i) Apron- Pleats
- (ii) Child dress-Gathers

[2]

Question 7**Reasons for adding fabric softener in last rising water**

- Softens and relaxes the fibres in fabrics.
- It stops clothes especially synthetic fabrics from clinging to the body./ it prevents Static electricity
- It gives baby clothes and delicate fabrics a soft and springy finish.
- It makes clothes smell clean and fresh.

(Any two well explained points)**[4]****Question 8****How to remove a candle wax stain**

- Scrape off wax with a dull knife,
- Place stain between brown papers,
- Press with a warm iron
- Wash accordingly.

[4]**SECTION D – HOME MANAGEMENT AND FAMILY LIFE EDUCATION****Question 1****Definition of terms****Health** - is to be free from illness or injury, physically, mentally and socially.**[2]****Family** - is a group of people connected to one another by blood, marriage or shared resources.**[2]****Question 2****Symptoms of cholera**

- Watery diarrhoea
- Vomiting
- Dehydration caused by vomiting and diarrhoea.

(Any two)**[2]**

Question 3**Reasons for budgeting**

- (i) It helps to spend less money than you earn.
- (ii) Shows where you are wasting money.
- (iii) Helps to identify and reach your goals.
- (iv) Helps save money for unexpected expenses.

(Any three)**[3]****Question 4****Material used to make each kitchen equipment**

Kitchen equipment	Material
i) cutlery	stainless steel
ii) three legged pot	cast iron
iii) baking sheet	tin

[3]**Question 5****Difference between a wage and salary**

Wage - is the money paid to workers at the end of a period of work such as shift, day or week.

[1]

Salary - is a fixed regular payment paid to a worker for work done, usually monthly

[1]**Question 6****Ways of spreading water-borne diseases**

- Eating food cooked in contaminated water.
- Swimming, bathing and standing in contaminated water
- Eating fruits or vegetables washed in contaminated water
- Drinking contaminated water

(Any two)**[2]**

Question 7**Ways of purifying water**

- (i) Boil water for 10 minutes.
- (ii) Adding bleach
- (iii) Adding chlorine.
- (iv) Adding ash

(Any three)**[3]****Question 8****Treating a minor burn**

- Hold the burn under cool running water for 10 or 15 minutes.
- Clean with an antiseptic solution
- Apply ointment
- Leave wound uncovered to heal.

(Any three)**[3]****Question 9****long term effects of gonorrhoea**

- Infertility in women.
- Miscarriages in women.
- Serious joint infections.

[3]**[Total marks: 25]**