



education

Department:
Education
REPUBLIC OF SOUTH AFRICA

**NATIONAL
SENIOR CERTIFICATE**

GRADE 10

**CONSUMER STUDIES
EXEMPLAR PAPER**

MARKS: 200

TIME: 3 hours

140 0 E

This question paper consists of 19 pages.

INSTRUCTIONS AND INFORMATION

1. Answer SECTION A on the Answer sheet provided and place it in the back of your ANSWER SCRIPT.
2. Begin each question on a NEW page.
3. Number your questions as they appear on the question paper.
4. Answer all sections (SECTION A, B, C, D and E)
5. This paper consists of 16 pages.

SECTION A**MULTIPLE CHOICE QUESTIONS****QUESTION 1**

- 1.1 The quantity of food served during a meal is a ...
- A. portion
 - B. ration
 - C. serving
 - D. limit
- (1)
- 1.2 ... cause chemical changes in food.
- A. Enzymes
 - B. Radiation
 - C. Toxins
 - D. Pollution
- (1)
- 1.3 Which of the following fibres is classified as a natural cellulose fibre?
- A. cotton
 - B. silk
 - C. rayon
 - D. acrylic
- (1)
- 1.4 are foods that deteriorate easily
- A. High-risk foods
 - B. Snacks
 - C. Perishables
 - D. Seafood
- (1)

- 1.5 When measuring liquids, the eye should be kept ... above the mark on the measuring cup
- A. lower than
 - B. level with
 - C. above
 - D. near
- (1)
- 1.6 During the weaving process the warp yarns are stretched and this type of shrinkage occurs:
- A. felting
 - B. progressive
 - C. relaxation
 - D. none of the above
- (1)
- 1.7 The cheapest method to colour cotton fabric is
- A. printing
 - B. roller printing
 - C. piece-dyeing
 - D. sizing
- (1)
- 1.8 A decision that is made after all the possible alternatives have been carefully considered is a ... decision.
- A. rational
 - B. technical
 - C. social
 - D. economical
- (1)
- 1.9 If the body is correctly aligned ... will help to maintain the body posture
- A. leverage
 - B. momentum
 - C. rhythm
 - D. gravity
- (1)
- 1.10 When a workplace is designed to meet both the requirements of the worker and the task, it is
- A. decorative
 - B. structural
 - C. applied
 - D. functional
- (1)

- 1.11 The number and frequency of meals per day is the meal ...
- A. plan
 - B. pattern
 - C. course
 - D. type
- (1)
- 1.12 The cost of basic unit of an item used for comparison of prices among similar products is called ...
- A. selling price
 - B. unit price
 - C. coupons
 - D. purchase price
- (1)
- 1.13 To protect the environment and binning of unwanted packaging, you can do your share and
- A. advertise
 - B. recycle
 - C. label
 - D. display
- (1)
- 1.14 A good source of starch is:
- A. canned peaches
 - B. fried fish
 - C. whole wheat sandwich
 - D. milk shake
- (1)
- 1.15 This is a combination cooking method
- A. poaching
 - B. baking
 - C. pot roasting
 - D. grilling
- (1)
- 1.16 A polyester fabric is popular for garments because
- A. absorb very little water
 - B. it is wrinkle resistant
 - C. pick up dye and oily stains
 - D. builds up static electricity
- (1)

- 1.17 One of the following items is ironing equipment
- A. a seam roll
 - B. a tweezer
 - C. a beeswax
 - D. a bodkin
- (1)
- 1.18 One of the items given does not appear on the front of the pattern envelope
- A. pattern size
 - B. price of pattern
 - C. suggested fabric
 - D. style number
- (1)
- 1.19 The type of lighting that enters the house through the window is
- A. fluorescent light
 - B. incandescent light
 - C. artificial light
 - D. natural light
- (1)
- 1.20 The lighting that will be suitable for reading and writing is
- A. soft and low level
 - B. a high level
 - C. adequate level
 - D. insufficient level
- (1)
- 1.21 The following foods were left uncovered in a hot stuffy kitchen over a weekend. Select the foods which are most likely to be spoiled by **bacteria**.
- A. bread rolls and strawberry jam
 - B. bread rolls and flavoured milk
 - C. strawberry jam and tuna sandwich
 - D. mutton curry and tuna casserole
- (2)
- 1.22 A suitable packed lunch for an active teenager is ...
- A. chicken pie, coke and a chocolate.
 - B. doughnut, packet of chips, fanta.
 - C. fried chicken, carrot sticks, milk.
 - D. hot dog, slice of chocolate cake, flavoured milk.
- (2)

- 1.23 Nomvula is wearing a mohair jersey and a nylon skirt that are made from
- A. synthetic and regenerated fibres
 - B. blended and regenerated fibres
 - C. natural and synthetic fibres
 - D. regenerated and natural fibres
- (2)
- 1.24 Food practices of various groups of people are influenced by
- A. children and money
 - B. religion and culture
 - C. shops in the area
 - D. parents and money
- (2)
- 1.25 Care symbols on labels are always arranged in the same order. The correct order is ...
- A. washing, dry-cleaning, bleaching, drying and ironing
 - B. washing, bleaching, drying, ironing and dry-cleaning
 - C. washing, bleaching, drying, dry-cleaning and ironing
 - D. washing, bleaching, ironing, dry-cleaning and drying
- (2)
- 1.26 **ONE** of the following is **not** a responsibility of the consumer:
- A. to be polite and fair
 - B. to keep records of expenses
 - C. to receive courteous treatment
 - D. to be well informed
- (2)
- 1.27 According to the food pyramid guide, the following servings for a meat and vegetable meal are acceptable
- A. 2 – 3 and 3 – 5 servings
 - B. 2 – 3 and 2 – 4 servings
 - C. 2 – 4 and 6 – 11 servings
 - D. 3 – 5 and 6 – 11 servings
- (2)
- 1.28 and ... are sources of animal fats and oils
- A. margarine and peanuts
 - B. fatty meat and oily fish
 - C. full cream milk and fried potatoes
 - D. raisins and dried fruits
- (2)

1.29 Which of the following equipment can be used for cutting?

- A. pinking shears and thread clipper
- B. chalk pencil and marking pen
- C. tape measure and transparent ruler
- D. magnet and thimble

(2)

1.30 Human resources include

- A. cognitive and material resources
- B. cognitive and time
- C. time and material resources
- D. material and affective resources

(2)

[40 marks]

QUESTION 2

2.1 Match the statements in Column B, **Consumer Responsibility**, with the **example** in Column A. Write the correct symbol (A-G) in the space on your answer sheet.

Column A Example		Column B Consumer Responsibility	
2.1.1	Luthando paid his monthly account on the due date	A	To save for emergency expenses
2.1.2	Rufus received a fine for smoking in a very popular restaurant.	B	To preserve the natural environment
2.1.3	Kevin was taught from a very young age not to litter and to save water.	C	To follow rules and regulations
2.1.4	Mpho accidentally dropped a bottle of tomato sauce in the shop and reported it to the manager	D	To air your views and complaints
2.1.5	Aminah took the cash slip and the sour milk back to the supermarket where she bought it and requested to speak to the manager	E	To be careful with all goods
		F	To honour your commitments
		G	To keep a budget

(5)

2.2 Select **TWO** correct answers for each of the following questions. Draw **TWO** crosses on the answer sheet for each question.

2.2.1	Equipment for different food preparation techniques	A	Mixing bowl	(2)
		B	Three-legged pot	
		C	Mass meter scale	
		D	Saucepan	
		E	Wooden spoon	
2.2.2	Techniques used in food preparation	A	Measuring	(2)
		B	Beating	
		C	Stirring	
		D	Cooking	
		E	Baking	
2.2.3	Storage method of food products to retain nutritional value	A	Keep frozen till used	(2)
		B	Refrigerated and covered	
		C	Airtight container	
		D	Protect from light	
		E	When opened, keep at room temperature	

2.2.4	A functionally designed work area for scale production	A B C D E	Limit labour time Restrains economical movement Provides fast service Restrains productivity Increase long walking distances	(2)
2.2.5	For lifting light foods and icing cakes one uses	A B C D E	A cheese knife A palette knife A bread knife A butter knife A vegetable knife	(2)

[10]

2.3 Select the correct answer from the possible answers given in column B

2.3.1	When looking for housing, consider the following factors	A B C D	Mortgage payment and living space Mortgage pay and good lighting Living space and street number Street number and insurance	(1)
2.3.2	When the range of products in a shopping outlet allows you to buy what will suit your needs you have a	A B C D	Right to quality Right to be informed Right to choose Right to satisfaction of basic needs	(1)
2.3.3	An estimate of expected income, expenses and savings is	A B C D	Budget plan Fixed expenses Money management Variable expenses	(1)
2.3.4	Smoothness on a surface of any material used for finishing is	A B C D	Visual texture Simulated texture Tactile texture Smooth texture	(1)
2.3.5	Customers buy ... items without thinking too much about	A B C D	High mark-up Impulse Related Special offer	(1)

[5]
[20 MARKS]

SECTION B

FOOD AND NUTRITION

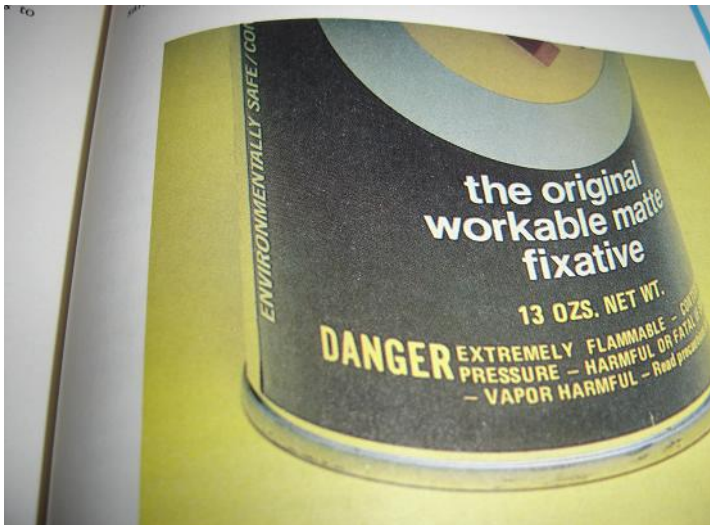
Question 1

- 1.1 Study the adapted news item from The Argus dated 7 May 1984 and answer the questions that follow:

Two city children die after eating chicken

TWO young children have died of food-poisoning after eating chicken.
A four-year old girl and her two-year old sister died in the Red Cross Children's Hospital on Saturday night after eating a chicken that their uncle had brought home. Their parents had severe stomach cramps. The chicken was eaten early on Friday evening. The stomach cramps began at 1 am (on Friday night) and the children were rushed to hospital. – **Staff Reporter**

- 1.1.1 Would you say that the two children died from **food poisoning** or **food infection**? Motivate your answer. (3)
- 1.1.2 The children died after eating the chicken. The parents did not die. Give **two** reasons why the children died and not the parents. (2)
- 1.1.3 Mention **two** points to consider in order to prevent food poisoning or food infection (2)
- 1.2 Certain consumer rights are indicated on the packaging and manufacturers are expected to recognize them. Study the following picture. **Name** and **explain** the **two** consumer rights that are displayed in the package. (for naming = 1; explanation = 2) 2 x 3 = (6)



- 1.3 Explain the **two** main aims of advertising. (2)

SECTION C CLOTHING**Question 3**

3.1 Read the case study below and answer the questions that follow:

Lauren, a teenager, has permission from her mother to buy herself four items of clothing as a birthday gift. She is not restricted on the amount of money she may spend. Lauren is very sporty. She does cross-country marathon and hockey. She is popular at school and is invited to many parties. She acquired a few ideas from magazines, television, etc to bring her up to date with the latest fashion trends and brand names. She also decides to compare the clothes of the different clothing outlets in her town.

3.1.1 Name and explain any **three** factors which will influence her choice of clothes (3x2=6)

3.1.2 Identify from the case study examples of non-human resources that would have influenced Lauren's choice of clothing. Tabulate your answer as follows:

Non-human resources	Example from case study
(i) Economic	
(ii) Technological	
(iii) Environmental	

(3X2=6)

3.1.3 Suggest **FOUR** suitable items of clothing and include the type of occasion for which it will be suitable. Tabulate your answer as follows:

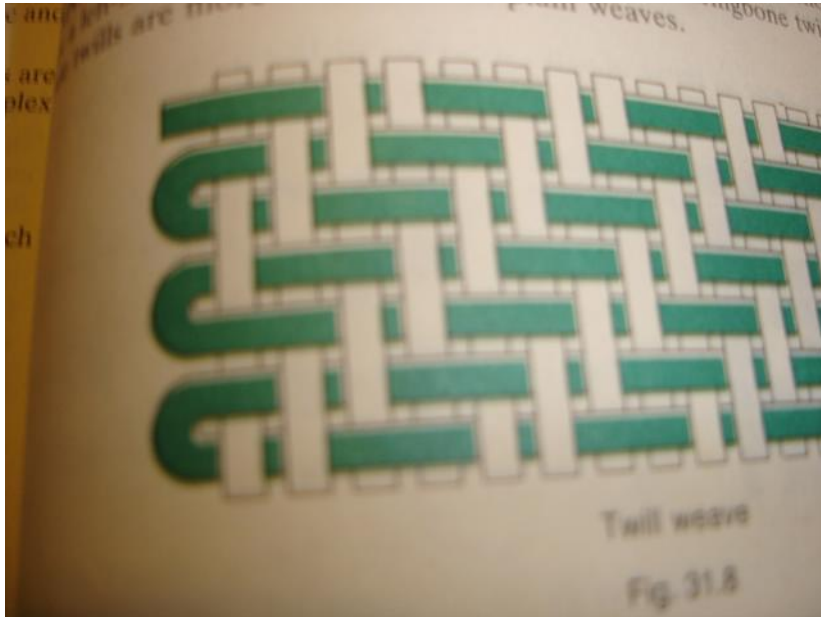
Items of clothing	Type of occasion
1.	
2.	
3.	
4.	

(4x2=8)

3.2 Finishes are used in fabric construction to improve physical comfort in clothing. Explain the function of the following fabric finishes:

- 3.2.1 mercerised (2)
 3.2.2 flame resistance (2)
 3.2.3 water proofing (2)

3.3 Care labels include very important information for maintaining the appearance and physical comfort of clothes. Name **three** items that appear on care labels. (3)

SECTION C CONTINUED**Question 4**

4.1 Study the diagram above and explain the following terms:

- (a) Warp
- (b) Weft
- (c) Twill weave

(6)

4.2 State the difference between a blended fabric and a mixed fabric

(2)

4.3 Mention **three** advantages of blending fibres to manufacture fabric

(3)

[40 MARKS]

SECTION D HOUSING**Question 5**

- 5.1 A major housing decision is deciding where to live. Buying a house is one of the most important decisions one will ever make. The decision to buy a house involves a number of factors. **Name** and **explain** with examples **four** aspects that one should consider in the choice of housing.

(8)

- 5.2 Read the case study below and answer the questions:

Landi and Thomas Selana had spoken about saving for a house, but to Thomas this was some far off ideal. Landi on the other hand, is tired of having to move from one flat to another and wants her own home. They have a three-year old toddler and Landi's wheelchair-bound mother has recently come to live with them after Landi's dad died. If Thomas spends money, she gets very upset because she wants to save every cent to buy her dream home.

- 5.2.1 Which value underlies Landi's housing needs? (2)
- 5.2.2 Name the type of family that the Selana's represent. (2)
- 5.2.3 Landi's mother is wheelchair bound. This will have an influence on their choice of their home. Name and explain **THREE** considerations the Selana's will have to make when choosing a home.

(6)

Question 6

- 6.1 What does ergonomics mean? (3)
- 6.2 List **FIVE** considerations one has to bear in mind regarding space needs when planning to buy furniture. (5)
- 6.3 Read the case study. Give **TWO** possible reasons for each of the symptoms Sive experienced after studying:

Sive has been studying at her desk. After three hours of studying, she experienced the following symptoms:

- (i) Strained eyes
- (ii) backache
- (iii) swollen feet

Tabulate your answer as follows:

Symptom	Reasons
6.3.1 Strained eyes	1. 2.
6.3.2 Backache	1. 2.
6.3.3 Swollen feet	1. 2

(6)

6.3.4 Suggest four reasons for putting the mattress in Sive's room the same height as a chair.

(4)

6.4 Discuss **FOUR** ways in which the size of people influence the furnishing of a room.

(4)

[40 MARKS]

SECTION E THEORY OF PRACTICAL OPTION**ANSWER ONLY ONE QUESTION IN THIS SECTION****Question 7****Food and Nutrition**

Bafo and Phila were making twenty scones to sell during school break to teachers. They used the following recipe:

250 ml cake flour
2ml salt
75 ml milk
10 ml baking powder
30 ml margarine

Method

1. Set the oven at 200° C and prepare a baking sheet.
2. Sift together the dry ingredients.
3. Cut the margarine pieces and rub in with the fingertips.
4. Make a hollow in the flour mixture and add the liquid.
5. Mix with table knife to form easily-handled dough.
6. Shape four scones of the same size, place on the baking tray.
7. Brush the tops lightly with milk.
8. Bake for about twelve minutes.

- 7.1.1 Identify any three types of equipment that Bafo and Phila used to make the scones (3)
- 7.1.2 Name the techniques used by Bafo and Phila when mixing the dough. (5)
- 7.3 Illustrate using a flow chart how Bafo and Phila would design their production process (6)
- 7.4 Determine the profit Bafo and Phila made if the
- (i) cost of ingredients for four scones was R6.19
 - (ii) selling price of one scone was R2.60
 - (iii) overheads estimated @ R10.00 (6)

[20]

Question 8**Clothing**

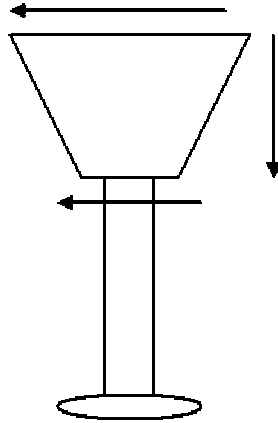
Sheila planned to start a clothing business. From her pocket money savings Sheila had R50.00. She decided to start by making a T-shirt for a teenage girl. She bought one and half metres polyester fabric @ R19.99/metre, a reel of 100% polyester thread @ R3.99, an iron-on embroidered motif for the decoration on the T-shirt pocket @ R9.99 and three buttons for the neck opening. Sheila used her mother's sewing machine. Sheila's overheads were estimated at R20.00

- 8.1 Identify **three** types of equipment not mentioned in the paragraph that Sheila would need to produce a good quality T-shirt (3)
- 8.2 Illustrate using a flow chart how Sheila would design her production process (10)
- 8.3 Determine the profit Sheila made if the T-shirt was sold for R85.00. (7)

[20]

Question 9**Soft furnishings**

9.1 You want to make a lamp-shade.



- 9.1.1 Which FOUR pieces of equipment do you need to make a lampshade? (4)
 9.1.2 Which type of seam do you make to attach the two sides? (2)
 9.1.3 What do you use to cover the wire of the lampshade and why would you cover it? (2)

9.2 Calculate the cost of the lampshade by completing the following table:

Requirements	Quantity bought	Price per metre/ each	Price of unit used
0.5 m curtain fabric	1 metre	R99.99 per metre	9.2.1
Matching thread	1 reel	R7.99 each	9.2.2
Bias binding (1 metre)	1.5 metre	R2.50 per metre	9.2.3
Beautiful lace for top and bottom (70cm)	1 metre	R15.99 per metre	9.2.4

2 x 4 = (8)

9.2.5 What is the total cost of one lamp shade? (2)

9.2.6 What will the selling price be at a profit – margin of 50%? (2)

[20]

[20 MARKS]

**ANSWER SHEET
CONSUMER STUDIES
SECTION A****Question 1**

1.1	A	B	C	D	(1)
1.2	A	B	C	D	(1)
1.3	A	B	C	D	(1)
1.4	A	B	C	D	(1)
1.5	A	B	C	D	(1)
1.6	A	B	C	D	(1)
1.7	A	B	C	D	(1)
1.8	A	B	C	D	(1)
1.9	A	B	C	D	(1)
1.10	A	B	C	D	(1)
1.11	A	B	C	D	(1)
1.12	A	B	C	D	(1)
1.13	A	B	C	D	(1)
1.14	A	B	C	D	(1)
1.15	A	B	C	D	(1)
1.16	A	B	C	D	(1)
1.17	A	B	C	D	(1)
1.18	A	B	C	D	(1)
1.19	A	B	C	D	(1)
1.20	A	B	C	D	(1)
1.21	A	B	C	D	(2)
1.22	A	B	C	D	(2)
1.23	A	B	C	D	(2)
1.24	A	B	C	D	(2)
1.25	A	B	C	D	(2)
1.26	A	B	C	D	(2)
1.27	A	B	C	D	(2)
1.28	A	B	C	D	(2)
1.29	A	B	C	D	(2)
1.30	A	B	C	D	(2)

[60]

Question 2.1

2.1.1	
2.1.2	
2.1.3	
2.1.4	
2.1.5	

1	x	5	5
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Question 2.2

2.2.1		
2.2.2		
2.2.3		
2.2.4		
2.2.5		

2	x	5	10
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Question 2.3

2.3.1	
2.3.2	
2.3.3	
2.3.4	
2.3.5	

1	x	5	5
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[60 MARKS]