



# education

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Department:  
Education  
**REPUBLIC OF SOUTH AFRICA**

**NATIONAL  
SENIOR CERTIFICATE**

**GRADE 10**

**CONSUMER STUDIES**

**NOVEMBER 2006**

**MARKS: 200**

**TIME: 3 hours**

**This question paper consists of 18 pages and an answer sheet.**

**INSTRUCTIONS AND INFORMATION**

1. SECTION A must be answered on the ANSWER SHEET provided which must be placed into the BACK of your ANSWER BOOK.
2. Start each question on a NEW page.
3. Number the answers correctly according to the numbering system used in this question paper.
4. Answer ALL sections (SECTION A, B, C, D and E).

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

Various possible options are provided as answers to the following questions. Choose the correct answer and make a cross (X) over the letter (A - D) next to the question number (1.1 - 1.30) on the attached answer sheet.

- 1.1 Which ONE of the following foods can easily be contaminated by bacteria?
- A Green beans
  - B Fruit salad
  - C Muffins
  - D Meat pies
- (1)
- 1.2 Carrots are rich in ...
- A vitamin A.
  - B vitamin B.
  - C vitamin B<sub>12</sub>.
  - D vitamin D.
- (1)
- 1.3 Which ONE of the following examples is an unfavourable condition for micro-organisms to grow?
- A Presence of moisture
  - B Lack of air
  - C Low temperatures
  - D Presence of food
- (1)
- 1.4 This is an example of food that deteriorates easily:
- A Flour
  - B Simba chips
  - C Pineapples
  - D Seafood
- (1)
- 1.5 A textile that retains its original shape after being stretched is ...
- A elastic.
  - B stable.
  - C pliable.
  - D static.
- (1)
- 1.6 Which ONE of the following is a cellulose fibre?
- A Wool
  - B Silk
  - C Acrylic
  - D Cotton
- (1)

- 1.7 A statement attached to a product with information about the product is a/an ...  
A label.  
B brand name.  
C instruction.  
D sell-by-date. (1)
- 1.8 These chairs must be comfortable and offer back-support to people with special needs:  
A Deck-chairs  
B Wheelchairs  
C Armchairs  
D Picnic chairs (1)
- 1.9 This identifies a product of a company:  
A A brand name  
B A label  
C A price tag  
D A sell-by-date (1)
- 1.10 A loan contract for buying a house is called a ...  
A policy.  
B mortgage bond.  
C subsidy.  
D rent. (1)
- 1.11 Glazing a fabric improves the ...  
A colour.  
B texture.  
C grain.  
D yarn. (1)
- 1.12 A jacket that has a ... textile composition will NOT crease when worn in areas with very high temperatures.  
A polyester  
B linen  
C linen-polyester blend  
D cotton (1)
- 1.13 These fabrics are porous and permit the free circulation of air:  
A Woven  
B Blended  
C Knitted  
D Braided (1)

- 1.14 A two-storey house is called a ...  
A simplex.  
B duplex.  
C cottage.  
D lodge. (1)
- 1.15 The light that enters the house through the window is ... lighting.  
A natural  
B fluorescent  
C artificial  
D direct (1)
- 1.16 Fruits and vegetables are rich in ...  
A calcium.  
B carbohydrates.  
C vitamins.  
D minerals. (1)
- 1.17 The main function of nutrients in fruits and vegetables is to ...  
A build and repair body tissue.  
B provide the body with heat and energy.  
C protect the body against diseases.  
D regulate the body processes. (1)
- 1.18 Which ONE of the following is NOT the aim of advertising?  
A To introduce new sales  
B To increase new sales  
C To create brand awareness  
D To decrease the flow of money (1)
- 1.19 A single-family dwelling is a type of ...  
A high-density housing.  
B medium-density housing.  
C low-density housing.  
D mobile homes. (1)
- 1.20 A knitted fabric has ... yarns.  
A staple and continuous  
B warp and weft  
C warp and staple  
D warp and continuous (1)

- 1.21 Shaun needs a/an ... resource in order for him to buy sporting clothes.
- A environmental
  - B natural
  - C material
  - D technological
- (1)
- 1.22 When you decide to become an entrepreneur in small-scale production, you first need to do the following:
- A Workspace planning
  - B Production process
  - C Market research
  - D Process charts
- (1)
- 1.23 Nomusa prefers a light coloured dress to a black dress in warm weather. She uses her ... resources.
- A material
  - B human
  - C technological
  - D community
- (1)
- 1.24 Cindy used her mother's basic recipe when baking a birthday cake. This is an example of a ... resource.
- A natural
  - B human
  - C technological
  - D community
- (1)
- 1.25 The price of goods per kilogram, metre, litre or hour is the ... price.
- A purchase
  - B unit
  - C selling
  - D sale
- (1)
- 1.26 Absorbency is the ability of fibres to ...
- A return to its original shape and size.
  - B last a reasonable time under normal conditions.
  - C retain its shape and bulk.
  - D absorb and retain moisture before it feels damp.
- (1)

- 1.27 Food practices of various groups of people are influenced by ...
- A religion and culture.
  - B shops in the area.
  - C parents and money.
  - D children and money.
- (2)
- 1.28 Examples of foods that are rich in fibre and are a good source of protein:
- A Lentils and nuts
  - B Soya beans and pasta
  - C Cereals and lentils
  - D Nuts and cereals
- (2)
- 1.29 Which of the following foods are suitable for an active teenager?
- A Fresh fruit salad and cream
  - B Potatoes and green salad
  - C Cauliflower and cheese
  - D Eggs and cheese sandwich
- (2)
- 1.30 Polyester fibres are immediately accepted by consumers because of the following properties:
- A Ease of maintenance and crease resistance
  - B Crease resistance and high moisture absorbency
  - C Elasticity and high moisture absorbency
  - D Ease of maintenance and sweetish smell
- (2)
- [34]**

**QUESTION 2**

- 2.1 Match the terms in COLUMN B with the descriptions in COLUMN A. Write only the letter (A - J) next to the question number (2.1.1 - 2.1.8) on the attached answer sheet.

COLUMN A		COLUMN B
2.1.1	People who do not eat meat	A malnutrition
2.1.2	Illness due to food that is contaminated by toxins	B balanced
2.1.3	Food and drinks that are consumed regularly	C culture
2.1.4	Illness caused by protein deficiency	D food poisoning
2.1.5	How much and how frequently a person eats	E vegetarian
2.1.6	Causing the chemical changes in food	F diet
2.1.7	This type of diet provides all the necessary nutrients in appropriate quantities	G kwashiokor
2.1.8	A factor that influences our eating pattern	H diet plan
		I enzymes
		J meal pattern

(8)



- 2.2 Choose the correct answers from COLUMN B to match the examples in COLUMN A. Write only the letter (A - J) next to the question number (2.2.1 - 2.2.8) on the attached answer sheet.

COLUMN A		COLUMN B	
2.2.1	The right to be charged fair prices	A	Sue demanded a refund on an inferior product
2.2.2	The right to quality	B	Marge complained to the manager about poor service
2.2.3	The right to be heard	C	Cindy bought milk after she had studied the sell-by-date
2.2.4	The right to replacement of products	D	Joe buys food at the same store because of the friendly service he receives
2.2.5	The right to receive respectful treatment	E	Prudence decided to buy a specific blend of flour for the best results
2.2.6	The right to be informed	F	you can decide which cell-phone you want to buy
2.2.7	The right to choose	G	we have enough water to drink at home
2.2.8	The right to satisfying of basic needs	H	Peter demanded a discount after he discovered he had paid too much
		I	Kelly buys a product that will not pollute the earth
		J	Sam is a wise consumer

(8)  
[16]

**QUESTION 3**

- 3.1 From the list below, select FIVE food sources of the milk and milk products food group. Indicate the correct answer on the answer sheet by making a cross (X) over the letter (A - I) on the attached answer sheet.

**Food sources of the milk and milk products food group:**

- A Margarine
- B Ice cream
- C Pasta
- D Cottage cheese
- E Pulses
- F Yoghurt
- G Soya milk
- H Cheese
- I Milk

(5)

- 3.2 From the list below, select FIVE guidelines to help you to make the best use of your resources when making food choices by making a cross (X) over the letter (A - I) on the attached answer sheet.

**FIVE guidelines to help you make the best use of your resources when making food choices:**

- A Draw up a shopping list
- B Always buy in bulk
- C Buy food that forms part of a balanced diet
- D Always buy the cheapest food items
- E Compare prices
- F Prepare food yourself, rather than buying convenience foods
- G Buy perishable food first
- H When you buy food, look at the sell-by-date
- I Always use the community market

(5)

**[10]****TOTAL SECTION A: 60**

**SECTION B: FOOD AND NUTRITION****QUESTION 1**

- 1.1 It is important that everyone who is part of a food preparation chain must be aware of the dangers of unhygienic handling of food.

Describe FOUR precautions regarding the safe handling of food. (4)

- 1.2 Describe THREE human resources that will influence a teenager's choice of food. (6)

- 1.3 How will the following information on the food label, as a material resource, influence your choice of food:

1.3.1 Nutritional information

1.3.2 Sell-by-date

1.3.3 Net weight (6)

- 1.4 How will peer pressure influence a teenager's choice of food? (3)

**[19]**

**QUESTION 2**

Read the menus below and answer the questions that follow:

Angie (14) visited her aunt for a weekend. They had the following meals on Saturday:

<b>Breakfast</b>	<b>11:00</b>	<b>Lunch</b>	<b>Dinner</b>
2 slices brown bread 1 poached egg 200 ml milk 10 ml margarine	Chips and Coke	Brown bread sandwich with 30 ml cheese and 10 ml margarine 1 orange 1 peach	90 g hake with parsley sauce 125 ml glazed carrots green salad (lettuce, tomato and cucumber) 175 ml ice cream with chocolate sauce

- 2.1 Can these menus be regarded as balanced meals? Justify your answer. (2)

- 2.2 Study the menus on the previous page and discuss Angie's food intake by comparing it with the dietary guidelines. Copy and complete the table given below in the answer book.

<b>Dietary guidelines</b>	<b>Compare and discuss Angie's food intake with the dietary guidelines</b>
Eat a variety of foods	
Make starchy foods the basis of most meals	
Eat dry beans, peas, lentils and soya regularly	
Chicken, fish, milk, meat or eggs can be eaten daily	
Use food and drinks containing sugar sparingly and not between meals	

(5 x 2) (10)

- 2.3 Use the examples above to discuss how the following factors influence food choices of teenagers:

2.3.1 Culture (3)

2.3.2 Religion (3)

2.3.3 Socio-economic status (3)

**[21]**

**TOTAL SECTION B: 40**

**SECTION C: CLOTHING****QUESTION 3**

- 3.1 Mary is a teenage girl. She only had R1 000 to spend on new clothes. Her mother reminded her to also buy clothes for her cousin's wedding that was coming up and a tracksuit for cold days. Neither of them could sew and make any clothes. Mary wanted to buy clothes in the latest fashion styles. Mary's mother would spend some of her time looking at labels of clothes and feeling the texture when shopping. She decided to accompany Mary to the clothing outlets. After spending the whole afternoon, they came across a 30%-off sale on clothes.

3.1.1 Explain, with examples, how culture could have an influence on Mary's choice of clothes for her cousin's wedding. (6)

3.1.2 Will Mary's socio-economic status allow her to buy everything she wants in the latest fashion styles? Justify your answer. (5)

3.1.3 Mary decided to wear blue jeans she bought while travelling 300 km to the wedding instead of her new silk outfit. Justify why you think Mary made that choice. (5)

3.1.4 Identify the resources that were available to Mary when buying her new clothes. Tabulate your answer as follows:

Human Resources	Material Resources
1.	1.
2.	2.
3.	3.
4.	

(7)

- 3.2 Nomsa was wearing a white 100% wool jersey over a red cotton shirt on a rainy day.

3.2.1 Explain, with reasons, why the jersey felt heavy and bigger in size. (6)

3.2.2 What could have happened to the wet jersey if it had been in contact with the red shirt for a long time? (3)

- 3.3 Name and discuss FOUR reasons for wearing clothes. (8)

**TOTAL SECTION C: 40**

**SECTION D: HOUSING AND FURNISHINGS****QUESTION 4**

- 4.1 Explain how the following factors influence the housing needs of a family:
- 4.1.1 Newly weds without children (3)
  - 4.1.2 Empty nest stage (3)
  - 4.1.3 Cultures (3)
- 4.2 How can the following needs, according to Maslow's hierarchy, influence your choice of housing:
- 4.2.1 Physiological
  - 4.2.2 Safety and security
  - 4.2.3 Social
  - 4.2.4 Ego
  - 4.2.5 Self-actualisation (10)
- [19]**

**QUESTION 5**

- 5.1 What is *ergonomic*? (3)
- 5.2 Explain how the following ergonomic principles influence one's choice of a work table:
- 5.2.1 Quality (3)
  - 5.2.2 Size and height (3)
  - 5.2.3 Work surface (3)

5.3 Study the picture below and answer the following questions:



5.3.1 Name FOUR activities performed in this room. (4)

5.3.2 Suggest FOUR low-cost improvements that would make a teenager's room a more usable living space. (4)

5.4 Give ONE reason for having general room lighting as well as direct lighting provided by a study lamp. (1)

**TOTAL SECTION D: 40**

**SECTION E: THEORY OF PRACTICAL OPTION**

**NOTE:** Answer only ONE question in this section.

**QUESTION 6: FOOD AND NUTRITION**

Maniza has just completed school and is planning to start a business. In her community there are a number of festivities that take place during the year. She has decided to do catering from home.

- 6.1 Name FOUR important items Maniza would need to start the business from home. (4)
- 6.2 Maniza received a request for a birthday cake. Design a production plan for her to make a quality product if she uses the following recipe:

**CHOCOLATE CAKE**

250 mℓ	(120 g) Snowflake flour
125 mℓ	Epic oil
75, mℓ	Royal baking powder
½ mℓ	salt
83 mℓ	Nestlé cocoa mixed and cooled
83 mℓ	Hulett's sugar
125 mℓ	Hulett's castor sugar
4	Nulaid eggs, separated

**METHOD:**

1. Sift the flour, baking powder and 83 mℓ sugar into a bowl.
2. Make a well in the centre and add the egg yolks, oil and cocoa mixture.
3. Beat the egg whites till stiff, adding the 125 mℓ castor sugar slowly.
4. Fold the stiffly beaten egg whites into the cake mixture.
5. Pour the cake mixture into two prepared cake tins and bake at 180 °C for 30 - 35 minutes.
6. Turn out and cool. Use chocolate butter icing. (8)



6.3 Calculate the unit price of the following ingredients used in the recipe if Maniza bought:

6.3.1 1 kg Snowflake flour for R8,99

6.3.2 750 ml Epic oil for R8,99

6.3.3 ½ dozen Nulaid eggs for R4,99

(6)  
[20]

**OR**

### **QUESTION 7: CLOTHING**

A team of four learners worked together to make a girl's dress for selling. They bought three metres of 100% cotton fabric @ R10,99 per metre, 15 cm zipper @ R6,50, a reel of sewing yarn @ R6,99 and half a metre interfacing @ R2,99 a metre. The pattern used cost R24,99.

7.1 What was the total cost of the raw materials?

(6)

7.2 Show, by means of a diagram, the process these learners followed in setting up a clothing production line for a small business.

(8)

7.3 Name the items that would be in the list of equipment the team would need to complete their work.

(6)  
[20]

**OR**

**QUESTION 8: SOFT FURNISHINGS**

You are planning to make a table cloth (1 m x 2 m) influenced by a South African culture.

- 8.1 Estimate the cost of the material if 100% cotton fabric (115 cm wide) sells at R15,99 per metre, trimming (lace = R10,99 per metre, twill tape = R1,99 per metre), a reel of 100% polyester cotton thread = R5,99. (6)
- 8.2 Show, by means of a diagram, the process you will follow during production. (8)
- 8.3 Name the items that would be in a list of equipment you will need to design and make a tablecloth. (6)
- [20]**

**TOTAL SECTION E: 20**

**GRAND TOTAL: 200**