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basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

NATIONAL SENIOR CERTIFICATE

GRADE12

CONSUMER STUDIES

NOVEMBER 2022

MARKS: 200

TIME: 3 hours

This question paper consists of 16 pages.

INSTRUCTIONS AND INFORMATION

1. This question paper consists of SIX questions.

| QUESTION | CONTENT | MARKS | TIME (minutes) |
|------------------------------------|------------------------------|------------|----------------|
| SECTION A (Short questions) | | | |
| 1 | Short Questions (ALL topics) | 40 | 20 |
| SECTION B (Long questions) | | | |
| 2 | The Consumer | 40 | 40 |
| 3 | Food and Nutrition | 40 | 40 |
| 4 | Clothing | 20 | 20 |
| 5 | Housing and Interior | 20 | 20 |
| 6 | Entrepreneurship | 40 | 40 |
| TOTAL: | | 200 | 180 |

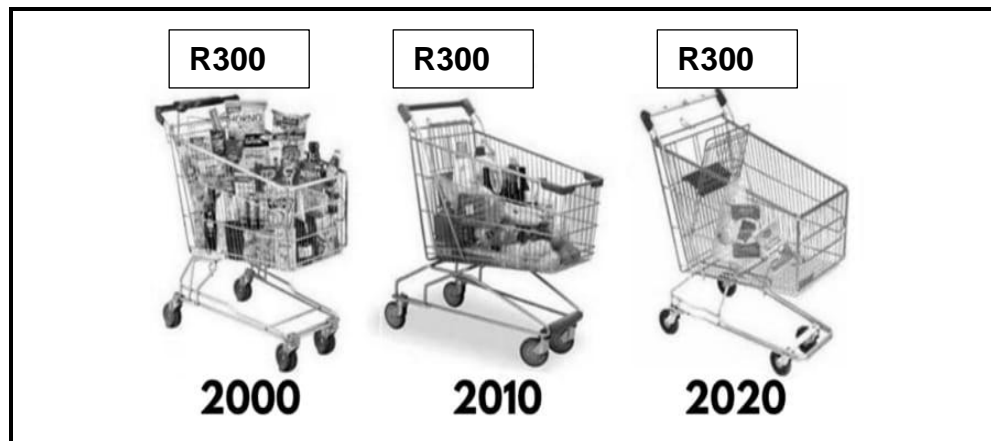
2. ALL the questions are COMPULSORY and must be answered in the ANSWER BOOK.
3. Number the answers correctly according to the numbering system used in this question paper.
4. Start EACH question on a NEW page.
5. You may use a calculator.
6. Write only in black or blue ink.
7. Pay attention to spelling and sentence construction.
8. Write neatly and legibly.

SECTION A: SHORT QUESTIONS**QUESTION 1**

- 1.1 Various options are provided as possible answers to the following questions. Choose the answer and write only the letter (A–D) next to the question numbers (1.1.1 to 1.1.20) in the ANSWER BOOK, e.g. 1.1.21 D.

- 1.1.1 An example of non-renewable energy:
- A Wind
 - B Hydro
 - C Coal
 - D Solar
- (1)
- 1.1.2 ... is a type of tax deducted from an employee's monthly income.
- A Excise tax
 - B Pay as you earn
 - C Provisional tax
 - D Estate tax
- (1)
- 1.1.3 The indicator used to check the real value of salaries, wages and pensions:
- A VAT (value-added tax)
 - B Inflation rate
 - C Repo rate
 - D CPI (Consumer Price Index)
- (1)
- 1.1.4 An example of a non-basic service that a municipality may also provide:
- A Feeding schemes
 - B Libraries
 - C Electricity
 - D Sanitation
- (1)

1.1.5 Study the picture below and answer the question that follows.



[Adapted from moneytipscoach.com]

The grocery trolleys in the picture above represent the effect of ONE of the following:

- A Repo rate
- B Interest
- C Tax
- D Inflation (1)

1.1.6 Dark green leafy vegetables is a good source of ... to prevent anaemia.

- A iron
- B iodine
- C calcium
- D phosphorus (1)

1.1.7 ... causes the narrowing of arteries.

- A High-density lipoprotein
- B Low-density lipoprotein
- C High blood pressure
- D Low blood pressure (1)

1.1.8 The health condition commonly known as the 'silent killer':

- A Osteoporosis
- B Diabetes
- C Hypertension
- D Anaemia (1)

1.1.9 E-coli can be transmitted as a result of ...

- A contaminated water.
- B coughing.
- C blood transmission.
- D vaccination. (1)

1.1.10 ... foods have the smallest negative effect on the natural environment.

- A Genetically modified
- B Processed
- C Irradiated
- D Organic

(1)

Study the picture below and answer QUESTIONS 1.1.11 and 1.1.12.



- A lady wearing a dress with vertical stripes.
- The hemline is below the knees.

[Source: [Pinterest](#)]

1.1.11 The lines on the dress will create the following optical illusion:

- A Shortness
- B Length
- C Broadness
- D Informality

(1)

1.1.12 The length of the dress creates a visual illusion of ... legs.

- A long
- B thick
- C short
- D thin

(1)

1.1.13 An appliance with non-human energy efficiency ...

- A is easy to clean.
- B saves time.
- C uses less water.
- D uses less electricity.

(1)

- 1.1.14 The document that proves homeownership:
- A Title deed
 - B Registration deed
 - C Deed of sale
 - D Bond agreement
- (1)
- 1.1.15 Household appliances with an A⁺ energy rating ...
- A are slower than those with a B⁺ energy rating.
 - B are more environmentally friendly.
 - C use artificial materials.
 - D cost less than those without an energy rating.
- (1)
- 1.1.16 ... is a result of planned production.
- A Increased competition
 - B Good customer relations
 - C Efficient manufacturing
 - D Good packaging
- (1)
- 1.1.17 ... ensures that sufficient raw materials are available and production does not stop.
- A Stock control
 - B Product specification
 - C A tidy workplace
 - D Quality control
- (1)
- 1.1.18 Continuous sales of products ensure that a business ...
- A shows sustainable profit.
 - B lasts for a short time.
 - C has fewer customers.
 - D has a high mark-up.
- (1)
- 1.1.19 To manage his/her time effectively an entrepreneur should ...
- A postpone tasks.
 - B use unskilled workers.
 - C prolong tasks.
 - D establish a routine.
- (1)
- 1.1.20 A clear description of a product assists with ...
- A customer appeal.
 - B quality control.
 - C good customer relations.
 - D the pricing of the product.
- (1)

1.2 Give ONE term for each of the following descriptions. Write only the term next to the question numbers (1.2.1 to 1.2.4) in the ANSWER BOOK.

1.2.1 An unknown e-mail requesting personal banking details

1.2.2 Exonerates a seller from any liability

1.2.3 All members in the group benefit equally from the proceeds

1.2.4 A business conducting unreasonable acts against consumers (4)

1.3 Match the fashion term in COLUMN B with the example in COLUMN A. Write only the letter (A–E) next to the question numbers (1.3.1 to 1.3.3) in the ANSWER BOOK, e.g. 1.3.4 F.

| COLUMN A EXAMPLE | | COLUMN B FASHION TERM | |
|---------------------|----------------------------------------------------|--------------------------|-----------------------|
| 1.3.1 | Wearing a fashion item that is worn by many people | A | vintage fashion |
| 1.3.2 | Wearing a dress from the 1940s to a wedding | B | obsolete fashion |
| 1.3.3 | Recreating the fashion style of the 1970s | C | contemporary fashion |
| | | D | retrospective fashion |
| | | E | high fashion |

(3 x 1)

(3)

1.4 Choose a food additive from the list below that matches a reason for the addition of food additives in QUESTIONS 1.4.1 to 1.4.5. Write only the food additive next to the question numbers (1.4.1 to 1.4.5) in the ANSWER BOOK.

| |
|-------------------------------------------------------------------------------------------------|
| antioxidants; bleaches; chemical preservatives; colourants; flavourants; nutrients; stabilisers |
|-------------------------------------------------------------------------------------------------|

1.4.1 Prevents rancidity in fatty foods such as margarine

1.4.2 Slows down spoilage caused by micro-organisms

1.4.3 Added to food such as instant pudding mixtures to improve their texture

1.4.4 Added to yellowish freshly milled flour to improve the appearance of the flour

1.4.5 Sweeteners, salt and spices added to food to improve the taste

(5 x 1)

(5)

1.5 Select THREE advantages of renting a home from the list below. Write only the letters (A–F) next to the question number (1.5) in the ANSWER BOOK.

- A You can leave the home to your family one day.
- B You can run a business from home with permission.
- C Property cannot be security for a loan.
- D It is cheaper in the long term.
- E You are not responsible for maintenance.
- F There are fewer monthly expenses.

(3)

1.6 Select FIVE practices of an entrepreneur who considers sustainable production from the list below. Write only the letters (A–J) next to the question number (1.6) in the ANSWER BOOK.

- A Uses leftover materials to make other products
- B Uses toxic materials in production
- C Uses recycled paper to make labels
- D Uses non-biodegradable packaging
- E Uses solar energy
- F Uses local raw materials
- G Produces many extra products
- H Uses imported raw materials
- I Installs water tanks to supplement supply
- J Leaves a large carbon footprint

(5)

TOTAL SECTION A: 40

SECTION B: LONG QUESTIONS**QUESTION 2: THE CONSUMER**

- 2.1 State TWO ways of calculating interest on credit agreements. (2)
- 2.2 Define the term *grey goods/parallel imports*. (3)
- 2.3 State THREE ways in which consumers can save water when gardening. (3)
- 2.4 Explain the following taxes:
- 2.4.1 VAT (value-added tax) (2)
- 2.4.2 Excise duty (sin tax) (2)
- 2.5 State THREE ways of saving electricity when using a refrigerator. (3)
- 2.6 Discuss what municipalities can do to reduce crime and make communities safer to live in. (6)
- 2.7 Explain how a tiered-level/multi-level marketing scheme works. (3)
- 2.8 Read the scenario below and answer the questions that follow.

Ayanda was approached by a sales representative of a security company to install an alarm system at her house. The sales representative was so convincing about safety that she could not resist signing the contract immediately. After re-calculating her budget three days after signing the contract, she realised that she could not really afford it. She called the manager to cancel the contract before the alarm system would be installed.

[Own text]

- 2.8.1 Explain the term *contract*. (2)
- 2.8.2 Explain how the cooling-off period protected Ayanda when she cancelled the alarm system contract. (3)
- 2.9 Discuss the advantages for the natural environment when using gas. (3)
- 2.10 Read the statement below and answer the question that follows.

In May 2021 fuel cost R17,23 per litre and in May 2022 it had increased by 26,8% to R21,84 per litre.


[Adapted from *Business Tech*, May 2022]

Describe the impact that increasing fuel prices have on consumers' rights to satisfy their basic needs.

(8)
[40]

QUESTION 3: FOOD AND NUTRITION

- 3.1 Give THREE examples of foods that can be irradiated. (3)
- 3.2 Explain the term *food security*. (3)
- 3.3 Name THREE dietary causes of high blood pressure. (3)
- 3.4 Explain how the transmission of gastroenteritis can be prevented during food preparation. (3)
- 3.5 Describe how arteriosclerosis develops. (3)
- 3.6 Study the label of the food item below and answer the questions that follow.

| | | |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----------------|
|  | INGREDIENTS: Peanuts, sugar, hydrogenated vegetable oil (soya bean), salt, emulsifier | |
| | ALLERGENS: Peanuts, soya | |
| TYPICAL NUTRITIONAL INFORMATION: | | |
| Nutritional value | Per 100 g | Per 10 g |
| Energy | 2647 kJ | 265 kJ |
| Protein | 23,2 g | 2,3 g |
| Carbohydrates | 23 g | 2 g |
| Total fat | 50,5 g | 5,1 g |

[Adapted from pnp.co.za]

- 3.6.1 Name the ingredient that is present in the largest quantity in the food item. (1)
- 3.6.2 A label provides very important information about a product.
List the basic information that is NOT visible on the label above. (4)
- 3.6.3 Explain the function of the emulsifier in the list of ingredients. (2)

3.7 Read the scenario below and answer the questions that follow.

Nancy is a 17-year-old vegetarian. Her diet includes only fruit and vegetables without any animal products. She is very active in sport. She started feeling weak and tired most of the time and went to her doctor. The doctor diagnosed a food-related health condition and prescribed the breakfast plan below to improve her health.

| BREAKFAST PLAN |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Fresh fruit • Muesli and plain yoghurt • Hard-boiled eggs • Orange juice |

[Own text]

3.7.1 Identify the food-related health condition the doctor diagnosed. (1)

3.7.2 Discuss reasons why the doctor prescribed the above plan for Nancy. (5)

3.8 Study the TWO menus below and answer the questions that follow.

| MENU A | MENU B |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • Grilled fish • Spinach and low-fat feta cheese salad • Strawberry fruit salad | <ul style="list-style-type: none"> • Fried pork chop with creamy mushroom sauce • Baked potato filled with bacon and cheese |

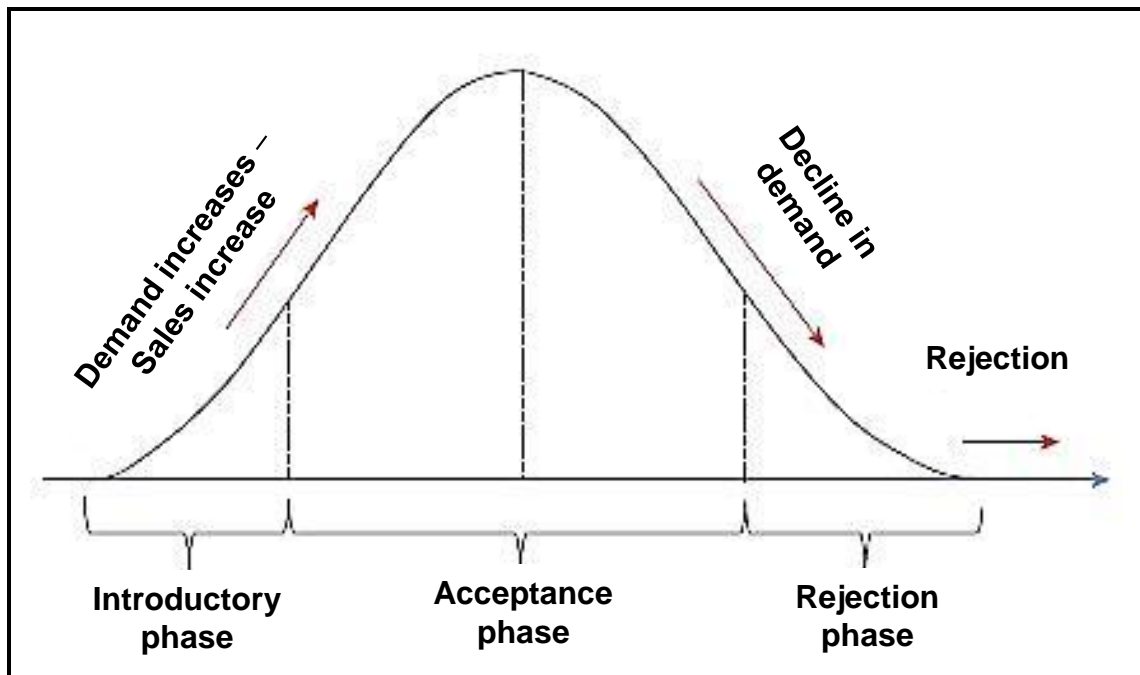
[Own text]

3.8.1 Justify why MENU B will be harmful to a person suffering from coronary heart disease. (4)

3.8.2 Discuss why MENU A is a healthier option for a person suffering from high blood cholesterol levels. (8)
[40]



QUESTION 4: CLOTHING

- 4.1 Define the term *brand piracy*. (2)
- 4.2 Write a paragraph to explain how economic factors will influence fashion changes. (4)
- 4.3 Study the graph of the fashion cycle below and answer the questions that follow.

[Source: [Pinterest](#)]

- 4.3.1 Identify the stage represented by the acceptance phase in the graph above. (1)
- 4.3.2 Explain what happens to fashion during the stage identified in QUESTION 4.3.1. (2)
- 4.4 Discuss the interrelationship between quality and price when buying clothes for the world of work. (4)

4.5 Study the pictures below and answer the questions that follow.

| | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p style="text-align: center;">PICTURE A</p>  <p style="text-align: center;">[Source: Pinterest]</p> | <ul style="list-style-type: none"> • Blue and white striped long-sleeve shirt/blouse |
| <p style="text-align: center;">PICTURE B</p>  <p style="text-align: center;">[Source: amazon.co.uk]</p> | <ul style="list-style-type: none"> • Black long-sleeved two-piece tracksuit • Both pieces are made of a soft cotton blend fabric |

- 4.5.1 Give THREE reasons why the clothing in PICTURES A and B can be regarded as classic fashion items. (3)
- 4.5.2 Analyse the advantages of combining the clothing in PICTURE A and the tracksuit pants in PICTURE B for an online (virtual) meeting of people working from home. (4)
- [20]**

QUESTION 5: HOUSING AND INTERIOR

- 5.1 State who manages sectional-title properties. (1)
- 5.2 Explain the term *lease*. (2)
- 5.3 Name TWO types of insurance that homeowners should have. (2)
- 5.4 Explain the financial disadvantages of building a house. (3)
- 5.5 State the financial information that must be included in the sales agreement when buying a full-title property. (3)
- 5.6 Study the information on the microwave oven below and answer the questions that follow.

| | |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <ul style="list-style-type: none"> • 20 litre capacity • Digital LED display with clock • 10 power levels • Defrost by time or weight • Quick start and kitchen timer functions • Elegant mirror finish • User-friendly control panel • Push-button door • Grey interior <p>Cash price: R3 999,00 Credit: R162 pm x 36 months Deposit: R200</p> |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

[Source: game.co.za]

- 5.6.1 Identify the type of credit transaction provided above. (1)
- 5.6.2 Describe how the functions of the microwave oven above will benefit a consumer. (4)
- 5.7 Read the statement below and answer the question that follows.

E-waste or electronic waste is a term used for electrical household appliances that are discarded. E-waste contains recyclable materials such as metal, glass and plastic that can be reused to create new products

[Adapted from <https://www.genevaenvironmentnetwork.org>]

Analyse the positive impact of recycling e-waste on sustaining the natural environment.

(4)
[20]

QUESTION 6: ENTREPRENEURSHIP

- 6.1 Define the term *target market*. (2)
- 6.2 Give the purpose of product specifications. (2)
- 6.3 Give THREE reasons for the packaging of products. (3)
- 6.4 Explain why an entrepreneur should keep a workplace tidy. (3)
- 6.5 Explain the purpose of the trade name of a product. (2)
- 6.6 Read the case study below and answer the questions that follow.

A young entrepreneur from the Free State saw an opportunity to start a business with the R350,00 grant provided by the government. She used the resources she had to start a furniture-making business in her parents' garage. She used YouTube to find out what others were doing and came across people making furniture using tyres. She also used YouTube videos to train herself.

She bought a second-hand drill and a couch stapler with the R350,00. She also found old wooden boards around the neighbourhood, asked the scrapyards for old tyres and used fabric off-cuts to cover the furniture. Her first order was a two-seater couch made with tyres, which put her on the map and brought in many new clients. With the money she is making, she buys more equipment to grow the business. She asks for a deposit and uses the money to buy new materials. She has managed to come up with competitive prices, which keep her clients coming back. Her business has expanded to include vehicle upholstery and furniture refurbishment.

[Adapted from *Sunday Independent*, 12 October 2021]

- 6.6.1 Explain how the young entrepreneur applied the following factors when choosing a product for her small-scale business:
- (a) Financial resources (1)
 - (b) Workspace (1)
 - (c) Raw materials (3)
 - (d) Human skills (1)
- 6.6.2 List the stages in the production process where she should conduct quality control. (4)

| | | |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|
| 6.6.3 | Explain the impact that the quality of raw materials will have on the quality and price of her final products. | (4) |
| 6.6.4 | The production cost of one couch is R500,00 and she adds 45% as her mark-up. Calculate the selling price of ONE couch. Show ALL calculations. | (3) |
| 6.6.5 | She sells one vehicle seat cover for R350,00, which includes 20 % profit. Calculate the profit she makes if she sells six seat covers. Show ALL calculations. | (3) |
| 6.6.6 | The furniture business is likely to show sustainable profitability. Justify this statement. | (8) [40] |
| TOTAL SECTION B: | | 160 |
| GRAND TOTAL: | | 200 |