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TOTAL
MARKS

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INTERNATIONAL SECONDARY CERTIFICATE EXAMINATION
NOVEMBER 2024

CONSUMER STUDIES

EXAMINATION NUMBER

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Time: 3 hours

200 marks

PLEASE READ THE FOLLOWING INSTRUCTIONS CAREFULLY

1. This question paper consists of 28 pages. Please check that your question paper is complete.
2. This paper is divided into four sections:
SECTION A: Food and Nutrition and Consumer-related Issues
SECTION B: Clothing and Consumer-related Issues
SECTION C: Housing and Furnishings and Consumer-related Issues
SECTION D: Case Study
3. Read the questions carefully.
4. **Answer ALL the questions on the question paper and hand this in at the end of the examination. Remember to write your examination number in the space provided on the question paper.**
5. The marks allocated to each question will indicate the detail required.
6. Calculators may be used.
7. It is in your own interest to write legibly and to present your work neatly.
8. Four blank pages (pages 25–28) are included at the end of the paper. If you run out of space for a question, use these pages. Clearly indicate the number of your answer should you use this extra space.

Allocation of marks

Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Total
5	26	18	16	6	8	25	6	30	25	35	/200

SECTION A FOOD AND NUTRITION AND CONSUMER-RELATED ISSUES**QUESTION 1 MULTIPLE CHOICE**

Various options are provided as possible answers to the following questions. Choose the most correct answer to each of the following questions. Write only the letter (A–D) of your choice in the table below.

Question	1.1	1.2	1.3
Answer			

1.1 Osteoporosis is caused by ...

1. a lack of animal protein in the diet.
2. a calcium and vitamin D deficiency.
3. stress, anxiety and depression.
4. the early onset of menopause.
5. a lack of regular exercise.
6. insufficient fibre in the diet.

- A 1, 3 and 5
 B 2, 4 and 5
 C 1, 2 and 4
 D 2, 3 and 6

(2)

1.2 The following facts apply to irradiation:

1. It is used to extend the shelf-life of foods such as vegetables.
2. It improves the vitamin content of fruits and vegetables.
3. It is done so food can be exported to other countries.
4. It reduces the number of disease-causing organisms.
5. It makes foods radioactive.

- A 1, 2, 5
 B 2, 3, 4
 C 2, 4, 5
 D 1, 3, 4

(2)

1.3 The condition in which arteries narrow due to cholesterol build-up in the artery walls, is known as ...

- A astigmatism.
 B arthritis.
 C arteriosclerosis.
 D atrial fibrillation.

(1)
[5]

QUESTION 2

Examine the bread below and answer the questions that follow.

**Ingredients:**

White bread flour
Water
Rolled oats
Canola oil
Yeast
Sugar
Salt
Acidity regulator
Calcium propionate
Sorbic acid
Emulsifiers
Flavour enhancer
Enzymes
Mineral salts (iron, zinc)
Vitamins (B3, B6, B1, B2, A and B9)
Acesulfame-K (non-nutritive sweetener)

[Source: <<https://sasko.co.za/products/low-gi-dumpy>>]

2.1 What is a *wheat allergy*?

(4)

2.2 Provide FOUR reactions or symptoms associated with a wheat allergy.

(4)

2.3 Is this bread suitable for a wheat allergy sufferer?

Motivate your answer.

(2)

2.4 *It is possible for a wheat allergy sufferer to have malnutrition.*

Analyse this statement.

(5)

- 2.5 Provide TWO health management strategies for an individual with a wheat allergy, excluding any dietary changes.

(2)

- 2.6 Recommend FOUR alternative food options for individuals with a wheat allergy.

(4)

- 2.7 Examine the ingredient list on the bread food label.

Identify from the label the ingredient(s) that is/are responsible for:

- 2.7.1 Increasing the shelf-life.

(2)

- 2.7.2 Providing fortification.

(2)

- 2.7.3 Binding the lipid and liquid components to prevent separation.

(1)

[26]

QUESTION 3

Read the scenario below and answer the questions that follow.

Ditsheho Mohale is 18 years old and is in grade 12. She often feels tired, dizzy, weak and listless all the time, despite getting sufficient sleep. Additionally, she has observed a distinct paleness in her skin, particularly her face and inner eyelids. Ditsheho is awaiting the outcome of the blood tests that her doctor recommended. Some dietary changes are being examined, and she was advised not to drink carbonated (fizzy) drinks with her meals.

[Source: Developed by the Examiner]

3.1 Identify the diet-related health condition evident in the above individual.

(2)

3.2 Outline FOUR possible causes of this diet-related health condition.

(4)

3.3 Why should Ditsheho avoid carbonated (fizzy) drinks?

(4)

- 3.4 Suggest FOUR dietary changes which Ditsheho needs to make to manage this condition. Motivate your choices.

Tabulate your answer as follows:

Dietary changes	Motivation

(8)
[18]

QUESTION 4

4.1 Identify FOUR Type II Diabetes symptoms. Write the correct letters only.

- A Frequent urination
- B Nausea and vomiting
- C Slow wound healing
- D Liver disease
- E Increased appetite
- F Tingling or numbness of extremities
- G Shortness of breath
- H Poor muscle control

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(4)

4.2 Provide an individual with Type II Diabetes with guidance on incorporating SIX dietary strategies essential for effectively managing this condition and the reasons for their importance.

Tabulate your answer as follows:

Dietary Strategies	Motivation

(12)

[16]**65 marks**

SECTION B CLOTHING AND CONSUMER-RELATED ISSUES**QUESTION 5**

Give one word for each of the following statements.

- 5.1 A set of rules or guidelines that manage the appropriate attire and appearance expected in a particular setting, such as a workplace, school, social event, or cultural institution.

(1)

- 5.2 An unauthorised replica of branded apparel.

(1)

- 5.3 The unauthorised use of protected trademarks, brand names or logos.

(1)

- 5.4 Attire designated for company employees, often reflecting the organisation's branding and professionalism.

(1)

- 5.5 The outline or shape of a person, object, or garment, typically seen as a solid colour against a contrasting background.

(1)

- 5.6 Stage in the fashion cycle at which fashion gains popularity.

(1)

[6]

QUESTION 6

6.1 Define the term *eco-fashion*.

(3)

6.2 What are the benefits of eco-fashion?

[illegible]

QUESTION 7

Read the scenario below and answer the questions that follow.

Tobias Morenga is a grade 11 student who plays tennis and hockey for the school's first team. His sister, Lupita, a BCom graduate in accounting, has recently been appointed as a trainee accountant at a prestigious accounting firm as part of their Graduate Placement Program.

[Source: Developed by the Examiner]

- 7.1 How do technological factors influence the changes in sports fashion trends for Tobias?

(4)

- 7.2 Tobias exclusively wears bamboo socks for his sports. How can this choice benefit the environment?

(4)

- 7.3 Explain why Tobias would prefer to purchase branded sportswear.

(5)

- 7.4 Since Lupita needs to set up a suitable working wardrobe, it is essential that this is well-planned without ruining her budget.

List SIX suggestions on how Lupita can create a professional look within her budget. Motivate each suggestion.

Tabulate your answer as follows:

Suggestions	Motivation/Reason
1.	1.
2.	2.
3.	3.
4.	4.
5.	5.
6.	6.

(12)
[25]

QUESTION 8

State SIX characteristics of classic clothing items.

[6]**45 marks**

SECTION C HOUSING AND FURNISHINGS AND CONSUMER-RELATED ISSUES AND FAMILY STUDIES**QUESTION 9**

Read the case study below and answer the questions that follow.

Mr and Mrs Naidoo have lived in a two-bedroom apartment since they got married ten years ago. They decided to build their dream home and bought a plot using their savings from a special fund. With the help of a famous architect, they designed their home to include special features. After getting building quotes, they chose the cheapest builder who promised they could move in within six months. However, after nine months, the house is far from finished due to rain and the builder not meeting deadlines, despite receiving a 50% deposit upfront and 35% more when the house reached roof height. The builder is not answering their calls or emails and has not been on site for two months. Now, the Naidooos must find temporary accommodation as they have given notice on their apartment. This upsetting building experience has left them emotionally drained.

[Source: Developed by the Examiner]

- 9.1 State THREE disadvantages of building a house, evident from the case study, that have contributed towards the troubles of this couple.

(3)

- 9.2 Define the term *contract*.

(3)

- 9.3 What legal term describes the builder's unlawful actions?

(1)

- 9.4 Outline FIVE essential components that must be included in a building contract.

(5)

- 9.5 From the options below, identify FOUR costs the couple will be responsible for when they do take occupancy of their completed home.

Write only the letters.

- A Levy
- B Mortgage protection insurance
- C Occupational rent
- D Household contents insurance
- E Estate Agents Commission
- F Rates and taxes
- G Architectural fees
- H Water and Electricity
- I Bank initiation fee
- J Homeowner's comprehensive insurance
- K Deposit

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(4)

- 9.6 Identify TWO responsibilities that this couple had to fulfil while they were living in the rented accommodation.

(2)

- 9.7 Compare building and owning a home versus renting one.

Tabulate your answer as follows:

Building	Renting
1.	1.
2.	2.

3.	3.
4.	4.
5.	5.
6.	6.

(12)
[30]

QUESTION 10

Read the case study below and answer the questions that follow.

Anna and Pieter Visser have been married for twenty years. They have a daughter, Nina, who is 16 years old. Anna is a journalist, and Pieter is a financial director at a large insurance firm. Pieter often attends business seminars and conferences locally and abroad to stay abreast of industry developments.

Nina is in grade 10. Her boyfriend ended their 6-month relationship recently. She was completely devastated. Nina decided to binge drink to cope with the heartache she suffered.

[Source: Developed by the Examiner]

10.1 At what stage of the family life cycle is this married couple?

(1)

10.2 How can they best navigate this stage to support their daughter?

(6)

10.3 Analyse FIVE negative effects of adolescent alcohol use.

[illegible]

(10)

10.4 10.4.1 Pieter was recently diagnosed with colon cancer.

Outline the impact which this diagnosis can have on the emotional well-being of this family.

(3)

10.4.2 Provide suggestions as to how this family can cope with this situation.

(5)

[25]

55 marks

SECTION D CASE STUDY**QUESTION 11**

Read the article below.

Use the information provided and your own knowledge to answer the following questions.

**90% of Kenya's power now comes from solar, wind –
but it's an exception in Africa**



Africa produces just 4% of global greenhouse gas emissions but suffers severe climate change impacts. Despite immense solar potential, investment in renewable energy in Africa fell to an 11-year low in 2021, representing only 0,6% of the global total. Financing options are insufficient and expensive due to perceived risks in politically and economically unstable regions.

Kenya stands out for its renewable energy success, generating over 90% of its power from solar, wind, and geothermal sources. Kenya also implemented progressive policies like banning single-use plastic bags and considering congestion charges to curb pollution. However, many other African nations, such as Nigeria, Senegal, and Mozambique, plan to expand oil and gas production, spurred by high prices following Russia's invasion of Ukraine.

The Just Energy Transition Partnerships (JETP) are designed to help countries transition from fossil fuels to cleaner energy. The first JETP, a \$8,5 billion deal between South Africa and several Western nations, aims to assist South Africa's shift from coal. Yet, disagreements over fund allocation and implementation have delayed progress, and South Africa continues to struggle with power shortages due to its ageing coal plants.

To unlock Africa's green potential, substantial financial support from developed countries is crucial. Current funding levels are inadequate, as seen in the \$19 billion Africa received from global climate financing in 2019–2020, with only \$2 billion from the private sector. For Africa to fully embrace clean power and mitigate climate impacts, a significant increase in investment and cooperation from the global community is essential.

[Source: <https://www.news24.com/fin24/climate_future/90-of-kenyas-power-now-comes-from-solar-wind-but-its-an-exception-in-africa>]

11.1 "Africa produces just 4% of global greenhouse gas emissions."

Describe greenhouse gases and its effects on the environment.

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.

(6)

11.2 Why did "investment in renewable energy in Africa fall to an 11-year low"?

(2)

11.3 Kenya's president is calling on Africa as a continent to "embrace clean power", while Kenya has embraced renewables instead of using coal and gas.

11.3.1 Outline SIX benefits of this action.

(6)

11.3.2 State FOUR advantages and FOUR disadvantages each of ...

(a) coal

Tabulate your answer as follows:

Advantages of coal	Disadvantages of coal
1.	1.
2.	2.
3.	3.
4.	4.

(8)

(b) gas

Advantages of gas	Disadvantages of gas
1.	1.
2.	2.
3.	3.
4.	4.

(8)

11.4 11.4.1 Define the term *food security*.

(3)

11.4.2 Predict the impact of renewable energy sources on food security.

(2)

35 marks

Total: 200 marks

ADDITIONAL SPACE (ALL QUESTIONS)

REMEMBER TO INDICATE AT THE QUESTION THAT YOU USED THE ADDITIONAL SPACE TO ENSURE THAT ALL ANSWERS ARE MARKED.

[illegible]

[illegible]

[illegible]

[illegible]