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TOTAL
MARKS

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NATIONAL SENIOR 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 32 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: Extended Writing Response
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. Three blank pages (pages 30–32) 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

Question	1	2	3	4	5	6	7	8	9	10	11	Total
Marks	16	18	19	17	11	18	21	7	24	29	20	200
Obtained												
Moderation												
Checked												
Re-mark												

SECTION A FOOD AND NUTRITION AND CONSUMER-RELATED ISSUES***Spend approximately 60 minutes on this section.*****QUESTION 1**

- 1.1 Match the nutrient- or food-related health condition in Column B and the management strategy in Column C with the symptoms in Column A. Write only the letter (A–F) from Column B and the Roman numeral (i–vi) from Column C in the space provided below, e.g., 1.1.6 G, vii.

Question	1.1.1	1.1.2	1.1.3	1.1.4	1.1.5
Answer Column B					
Answer Column C					

Column A Symptoms		Column B Nutrient- or food related health condition		Column C Management strategy	
1.1.1	Excessive thirst and frequent urination.	A	Constipation	i	Avoid foods containing calcium.
1.1.2	Porous bones and bone fractures.	B	Hypertension	ii	Avoid foods high in refined sugars.
1.1.3	Abdominal discomfort and inability to pass faeces.	C	Kwashiorkor	iii	Avoid foods high in sodium.
1.1.4	Increased blood pressure against artery walls.	D	Anorexia Nervosa	iv	Consume foods high in calcium and vitamin D.
1.1.5	Stunted growth and swelling of the abdomen.	E	Osteoporosis	v	Consume foods high in soluble fibre.
		F	Type II Diabetes	vi	Consume foods high in complete proteins.

(10)

1.2 Study the statements related to the dietary management of HIV/AIDS below. State whether each statement is true or false. For each false statement, state that it is false and correct the **nutrient typed in bold**. Do not rewrite the entire statement.

1.2.1 **Zinc** is a macronutrient essential for preventing the loss of muscle tissue.

1.2.2 During infection, there is an increased loss of **calcium** from the body, which is essential in keeping the mucous membranes in the lungs and digestive tract healthy.

1.2.3 Nuts and plant oils are good sources of the antioxidant, **vitamin E**.

1.2.4 Citrus fruit is a good source of **vitamin C** which strengthens the immune system.

(6)
[16]

QUESTION 2

Study the sources below and answer the questions that follow.

Robertsons' spices – now non-irradiated.

We used to irradiate our herbs and spices to kill harmful microorganisms, such as *E. coli*. Now, we use steam sterilisation to do the same job.

[Adapted from: Unilever Food Solutions. (n.d.). Now non-irradiated! (online)]



Non-irradiated
GMO free
No MSG added
No added preservatives
No artificial colourants

[Source: Unilever Food Solutions. (n.d.). Robertsons Medium Rajah Curry Powder (Pouch) 100 g. (online)]

2.1 2.1.1 How is food irradiated?

(2)

2.1.2 Explain two possible reasons why Robertsons decided to stop irradiating their spices.

(4)

2.2 How does Robertsons ensure an adequate shelf life of this product without adding preservatives?

(1)

2.3 2.3.1 *E. coli* is a/an ...

A	amoeba.	
B	bacterium.	
C	mould.	
D	virus.	

(1)

2.3.2 In addition to previously mentioned methods, identify four other ways to prevent an *E. coli* infection.

(4)

2.4 Robertsons' Curry Powder is GMO free. Propose four reasons to support GMO free products.

(4)

2.5 2.5.1 Why is the food additive MSG added to food?

(1)

2.5.2 According to the label, no MSG is added to this product. Why does Robertsons disclose this information to consumers?

(1)
[18]

QUESTION 3

3.1 Differentiate between gluten intolerance and a wheat allergy.

Basis of comparison	Gluten intolerance	Wheat allergy
Digestive system disorder or immune system disorder	3.1.1 _____ _____ _____ (1)	3.1.2 _____ _____ _____ (1)
Description	3.1.3 _____ _____ _____ _____ _____ _____ _____ _____ _____ (1)	3.1.4 _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ _____ (2)
Foods responsible for response	3.1.5 _____ _____ _____ (2)	Wheat

3.2 3.2.1 Define food security.

(3)

3.2.2 Justify why the following statement is true:

Households with food allergies are more likely to experience food insecurity.

[illegible]

(4)

3.3 You manage a feeding scheme at a preschool. Many children at the school are at risk of developing rickets and kwashiorkor.

Recommend one food to be included in their diet that could prevent both conditions. Justify your recommendation by assessing its nutritional benefits for preventing each condition.

[illegible]

(5)

[19]

QUESTION 4

Study the following meal and answer the questions that follow.

Meal

Soda / carbonated 'fizzy' drink / Coke

Bean and lentil plant-based burger patty on a white burger bun
with lettuce, cheese and tomato

4.1 List three symptoms of anaemia.

(3)

4.2 Evaluate the suitability of this meal for a person with anaemia.

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.

(10)

- 4.3 Suggest two improvements to the meal by replacing two items with more appropriate alternatives. Motivate each by referring to the management of anaemia.

(4)

[17]

70 marks

SECTION B CLOTHING AND CONSUMER-RELATED ISSUES

Spend approximately 40 minutes on this section.

QUESTION 5

5.1 Choose the fashion-related term in Column B that matches the description in Column A. Write only the capital letters in the space provided below.

Question	5.1.1	5.1.2	5.1.3	5.1.4	5.1.5	5.1.6
Answer						

Column A Description		Column B Term	
5.1.1	The outline or general shape of a garment or figure, e.g., an A-line skirt.	A	Conformity
5.1.2	General direction taken by fashion, e.g., waistlines changing from high-rise to low-rise.	B	Contemporary fashion
5.1.3	New, extreme, and exclusive styles that are created by fashion designers.	C	Fad
5.1.4	Fashion which is accepted by a relatively small group of people but disappears again quickly.	D	Fast fashion
5.1.5	Affordable fashion, designed and manufactured quickly, and usually of inferior quality.	E	<i>Haute couture</i>
5.1.6	Choosing fashion styles similar to that of your peer group.	F	Individuality
		G	Silhouette
		H	Style
		I	Trend

(6)

5.2 Study the list below and identify three reasons why many young adults choose to buy brand labels. Write only the capital letters in the space provided.

--	--	--

- A Brand labels are affordable.
- B Brand labels are fashionable.
- C Brand labels are always of excellent quality.
- D Brand labels are status symbols.
- E Brand labels ensure a sense of belonging.
- F Brand labels are classic.

(3)

5.3 State two consequences of brand piracy for the original brand manufacturer.

(2)
[11]

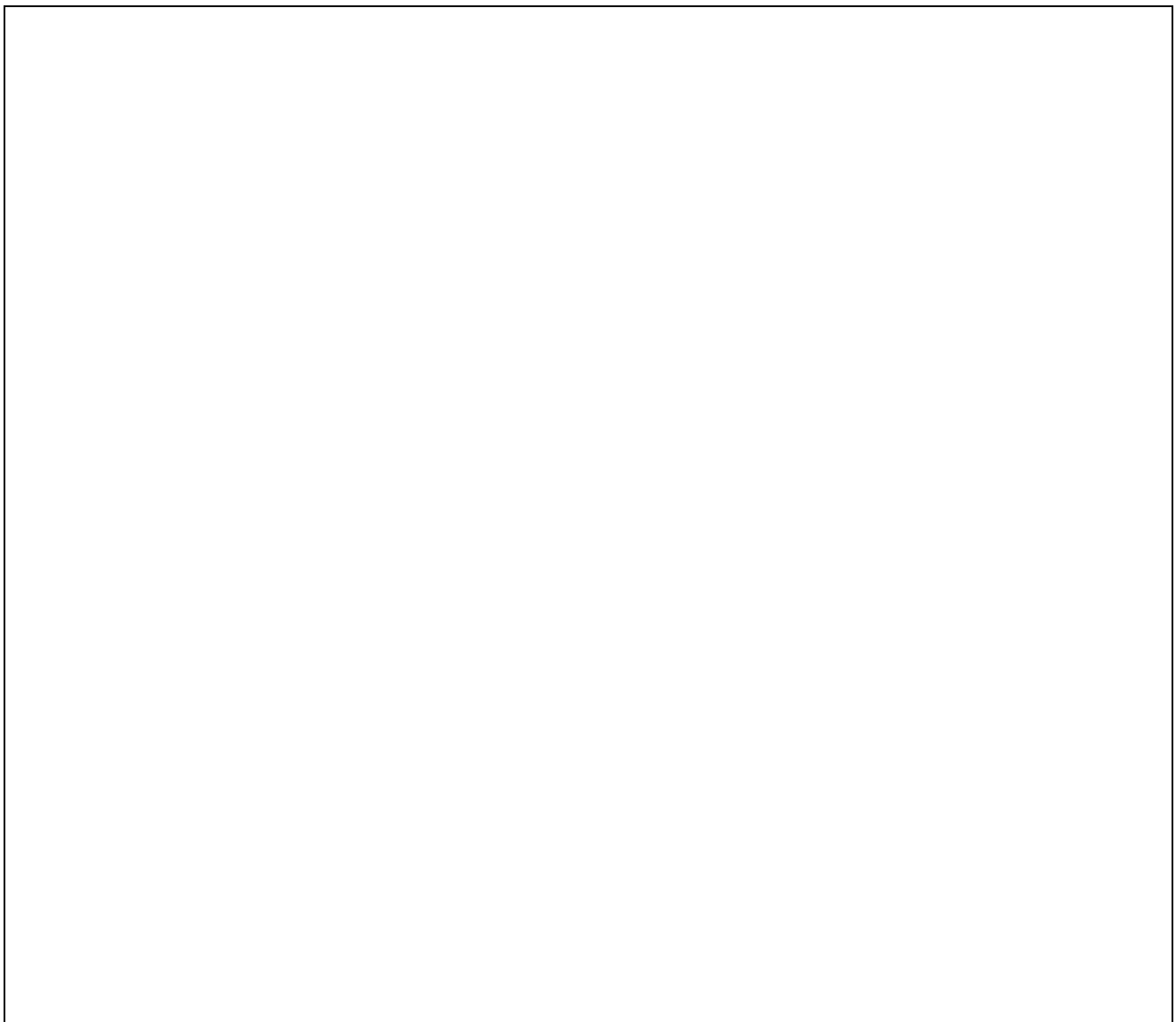
QUESTION 6

6.1 Define the term fashion.

(3)

6.2 6.2.1 Draw and label a graph to show a standard fashion cycle. (3)

6.2.2 Label the five stages of the fashion cycle on your graph. (5)



- 6.3 State three characteristics of the stage in the fashion cycle when items are seen on the runway.

(3)

- 6.4 Name and explain two technological factors that influence fashion trends.

(4)

[18]

7.2 List the four steps in planning a basic wardrobe.

(4)

7.3 Analyse the environmental impact of this shirt at each stage of its life cycle.

Stages of product life cycle	Environmental impact of shirt
7.3.1 Fibre cultivation /farming	
7.3.2 Textile processing and manufacturing	

(3)

(3)

7.3.3	Distribution/ transportation/ shipment	(1)
7.3.4	Consumer use, laundering and product lifespan	(4)
7.3.5	End-of-life/ disposal	(1)

[21]

50 marks

SECTION C HOUSING AND FURNISHINGS AND CONSUMER-RELATED ISSUES

Spend approximately 50 minutes on this section.

QUESTION 8

Give **one** term for each of the following descriptions. Write only the term in the space provided.

- 8.1 Illegal, unsustainable business model in which members are paid to recruit new members rather than to sell goods or services.

(1)

- 8.2 Savings club in which members contribute a fixed amount of money to a central fund on a regular basis.

(1)

- 8.3 Goods that are imported through unofficial or unauthorised distribution channels.

(1)

- 8.4 A seller's formal, written promise that a product is free of defects. If the product breaks within a specified period, it will be repaired or replaced at no cost.

(1)

- 8.5 The period after signing a contract within which the consumer can change their mind and cancel the contract without reason or penalty.

(1)

- 8.6 Tax payable on the profit made when an asset is sold.

(1)

- 8.7 Indirect tax, levied at 15%, that is added to the purchase price of goods and services at each stage of the supply chain.

(1)

[7]

QUESTION 9

Study the advertisement below and answer the questions that follow.

You can now own a flat in The Parks!

R 999 000 | Levy: R 2 300

This 2-bedroom, 2-bathroom flat has stunning park views from your very own balcony. Each balcony has its own built-in gas braai to help you fight the loadshedding blues! Selected appliances are included.

The complex has 24-hour security. Access to a communal swimming pool and expansive garden.

[Examiner's own text]

9.1 9.1.1 Identify the type of ownership in the above-mentioned advertisement.

_____ (1)

9.1.2 To whom is the levy paid?

_____ (1)

9.1.3 What is the levy used for?

_____ (2)

9.2 Study the following costs associated with buying or selling a property. Complete the table by identifying who each cost is paid to and provide an explanation for each cost.

Costs and expenditures	Paid to	Explanation
Property valuation fee	9.2.1 (1)	Example: A fee payable for the valuation of the property.
Conveyance fees	9.2.2 (1)	9.2.3 (2)
Homeowners' comprehensive insurance	9.2.4 (1)	9.2.5 (1)

Costs and expenditures	Paid to	Explanation
Occupational rent	9.2.6	9.2.7
	(2)	
		(2)
Transfer duty	9.2.8	9.2.9
	(2)	
		(2)

9.3 Which of the following appliances are the most environmentally friendly? Justify your answer.

	Dishwasher A	Dishwasher B
Capacity/size	12 place settings	14 place settings
Energy rating	A++	A+++
Energy consumption	0.693 kWh/cycle	0.616 kWh/cycle
Water consumption per cycle	13 L	9.5 L
Noise	52 decibels	41 decibels
Service warranty	2-year warranty	3-year warranty

[illegible]

(6)
[24]

QUESTION 10

10.1 Name the professional body a builder should be registered with.

(2)

10.2 The steps for building a house are given below. Rearrange them into the correct order. Write only the letters in the space provided.

Step 1	Step 2	Step 3	Step 4	Step 5	Step 6

A Register the completed house.

B Building commences.

C Appoint a draughtsman or architect to draft building plans.

D Buy a vacant plot of land.

E Regular inspections by building inspectors.

F Submit the building plans to the local municipality for approval.

(6)

10.3 Specify five terms and conditions to include in a legal building contract.

(5)

10.4 Compare the advantages and disadvantages of renting to those of building a house.

Renting	Building

(8)

10.5 10.5.1 Define interest as it relates to borrowing money.

(2)

10.5.2 Judge the extent to which increases in the interest rate have an impact on consumers with variable interest rate loans.

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(6)

[29]

60 marks

SECTION D EXTENDED WRITING RESPONSE

Spend approximately 30 minutes on this section.

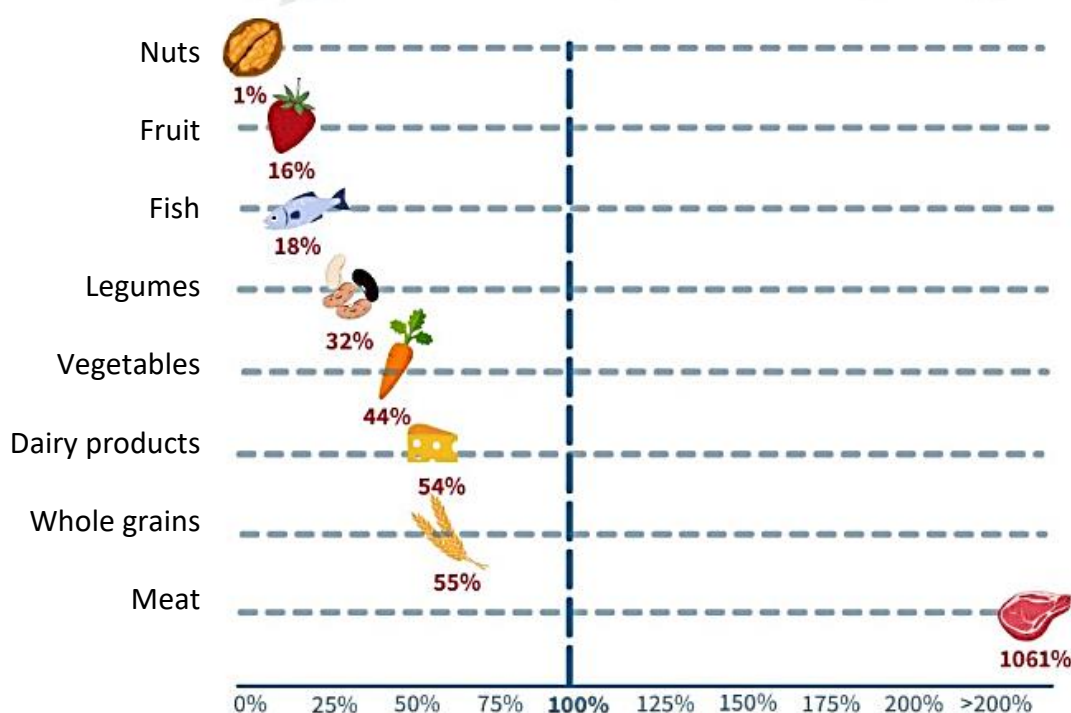
QUESTION 11

Study the infographic below and use it to answer the question that follows.

PAN (Physicians Association for Nutrition) South Africa is a branch of PAN International, raising awareness of whole food, plant-based nutrition. This infographic shows the dietary intake of key foods in adults aged 20 years and over compared to international recommendations.



Consumption in South Africa compared to recommendations



Global Nutrition Report data for South Africa, 2022

[Source: PAN South Africa (2023) Global Nutrition Report data for South Africa, 2022. [Instagram] Available at: <https://www.instagram.com/p/CqZ17MzK1Z_/?igshid=OGRjNzg3M2Y%3D>]

Discuss the extent to which the South African diet, depicted in the infographic, impacts on the development of coronary heart disease.

- In your response:
 - Refer to each of the foods indicated in the source.
 - Provide a clear link between the foods and the development of coronary heart disease.
- Consider the following when planning your response:
 - Evidence from the infographic as well as relevant nutritional knowledge.
 - The criteria in the rubric provided.

[20]

Criteria		Performance indicators				
		4	3	2	1	0
1	Content relevance and accuracy	The content is highly relevant to the topic. No factual errors. The use of terminology is accurate.	Majority of the content is relevant to the topic. Minor factual errors. The use of terminology is mostly accurate. There are minor lapses.	Significant amount of content is irrelevant. Some important facts are incorrect. The use of terminology is flawed.	Mostly irrelevant with sporadic connections. Major factual errors. The terminology used is often incorrect.	The content is entirely irrelevant, demonstrating a fundamental misunderstanding of the subject matter.
2	Discuss the extent to which the South African diet, depicted in the infographic, impacts on the development of coronary heart disease	4	3	2	1	0
		The response shows a thorough understanding of coronary heart disease and the impact of high blood cholesterol.	The response shows a sufficient understanding of coronary heart disease and the impact of high blood cholesterol.	The response shows an understanding of coronary heart disease and the impact of high blood cholesterol. Some important information missing.	The response shows a weak understanding of coronary heart disease and the impact of high blood cholesterol.	Limited or no information provided.
3		4	3	2	1	0
		The response shows a thorough understanding of the relevant nutritional information of 7 / 8 foods.	The response shows a thorough understanding of the relevant nutritional information of 5 / 6 foods.	The response shows a thorough understanding of the relevant nutritional information of 3 / 4 foods.	The response shows a thorough understanding of the relevant nutritional information of 1 / 2 food(s).	Limited or no information provided.
4		4	3	2	1	0
		The response shows a link of 7 / 8 foods to coronary heart disease.	The response shows a link of 5 / 6 foods to coronary heart disease.	The response shows a link of 3 / 4 foods to coronary heart disease.	The response shows a link of 1 / 2 food(s) to coronary heart disease.	Limited or no information provided.
5	Quality of the response	4	3	2	1	0
		Demonstrates a clear and logical progression of ideas. Maintains a clear focus on the topic. Response is coherent and concise.	Generally follows a logical sequence with occasional lapses. Generally stays on topic with some side discussions. Response is mostly coherent and concise.	There are distinct inconsistencies in the logical flow of ideas. Some relevance to topic with some irrelevant information. The response has some flaws relating to clarity	Lacks logical organisation making it difficult to follow. Significant portions of writing contain irrelevant information. The response is vague, rambling or lacking cohesion.	The response is meaningless or irrelevant.

[illegible]

[illegible]

[illegible]

20 marks

Total: 200 marks

PLEASE TURN OVER

ADDITIONAL SPACE (ALL QUESTIONS)

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

[illegible]

[illegible]

[illegible]