



# basic education

Department:  
Basic Education  
**REPUBLIC OF SOUTH AFRICA**

**NATIONAL  
SENIOR CERTIFICATE**

**GRADE 12**

**CONSUMER STUDIES  
FEBRUARY/MARCH 2017  
MEMORANDUM**

**MARKS: 200**

**This memorandum consists of 17 pages.**

**QUESTION 1**

- |     |        |              |   |     |
|-----|--------|--------------|---|-----|
| 1.1 | 1.1.1  | C✓           | <i>Understanding, easy (Focus, p.104; Successful, p.126)</i>      | (1) |
|     | 1.1.2  | D✓           | <i>Understanding, easy (Focus, p.75; Successful, p.85)</i>        | (1) |
|     | 1.1.3  | C✓           | <i>Understanding, easy (Focus, p.77; Successful, p.91)</i>        | (1) |
|     | 1.1.4  | A✓           | <i>Understanding, easy (Focus, p.77; Successful, p.91)</i>        | (1) |
|     | 1.1.5  | A✓           | <i>Understanding, easy (Focus, p.79; Successful, p.93)</i>        | (1) |
|     | 1.1.6  | C✓           | <i>Understanding, moderate (Focus, p.49; Successful, p.54)</i>    | (1) |
|     | 1.1.7  | D✓           | <i>Remembering, easy (Focus, p.61; Successful, p.67)</i>          | (1) |
|     | 1.1.8  | A✓           | <i>Remembering, easy (Focus, p.117; Successful, p.137)</i>        | (1) |
|     | 1.1.9  | B✓           | <i>Remembering, easy (Focus, p.128; Successful, p.146)</i>        | (1) |
|     | 1.1.10 | B✓           | <i>Remembering, easy (Focus, p.61; Successful, p.67)</i>          | (1) |
|     | 1.1.11 | A✓           | <i>Remembering, easy (Focus, p.148; Successful, p.162)</i>        | (1) |
|     | 1.1.12 | B✓           | <i>Remembering, easy (Focus, p.134; Successful, p.155)</i>        | (1) |
|     | 1.1.13 | D✓           | <i>Remembering, easy (Focus, p.122; Successful, p.140)</i>        | (1) |
|     | 1.1.14 | D✓           | <i>Remembering, easy (Focus, p.64; Successful, p.72)</i>          | (1) |
|     | 1.1.15 | A✓           | <i>Understanding, easy (Focus, p.40; Successful, p.42)</i>        | (1) |
|     | 1.1.16 | D✓           | <i>Understanding, moderate (Focus, p.13; Successful, p.19-20)</i> | (1) |
|     | 1.1.17 | C✓           | <i>Understanding, moderate (Focus, p.17; Successful, p.22)</i>    | (1) |
|     | 1.1.18 | B✓           | <i>Understanding, moderate (Focus, p.168; Successful, p.185)</i>  | (1) |
|     | 1.1.19 | C✓           | <i>Understanding, difficult (Focus, p.166; Successful, p.183)</i> | (1) |
|     | 1.1.20 | B✓           | <i>Analysing, difficult (Focus, p.167-168; Successful, p.185)</i> | (1) |
| 1.2 | 1.2.1  | emulsifiers✓ | <i>(Focus, p.93; Successful, p.113)</i>                           | (1) |
|     | 1.2.2  | stabilisers✓ | <i>(Focus, p.93 ; Successful, p.113)</i>                          | (1) |
|     | 1.2.3  | bleaches✓    | <i>(Focus, p.94 ; Successful, p. 113)</i>                         | (1) |
- Remembering, easy*

- 1.3 D✓  
E✓  
F✓  
H✓ (in any sequence) (4)  
*Remembering, moderate (Focus, page 136–137; Successful, page 157)*
- 1.4 1.4.1 B✓ (Focus, p.7; Successful, p.12 and 35) (1)  
1.4.2 A✓ (Focus, p.37; Successful, p.36) (1)  
1.4.3 G✓ (Focus, p.36-37; Successful, p.35–37) (1)  
1.4.4 C✓ (Focus, p.40; Successful, p.39) (1)  
*Understanding, moderate*
- 1.5 1.5.1 D✓ (Focus, p.158; Successful, p.176) (1)  
1.5.2 B✓ (Focus, p.159; Successful, p.177) (1)  
1.5.3 C✓ (Focus, p.162; Successful, p.178) (1)  
1.5.4 E✓ (Focus, p.161; Successful, p.177–178) (1)  
*Understanding, moderate*
- 1.6 A✓  
D✓  
F✓  
G✓  
H✓ (in any sequence) (5)  
*Analysing, moderate (Focus, page 49, 51, 57-59; Successful, page 50, 51, 59–65 and CAPS (Grade 11)*

**[40]**

**QUESTION 2: THE CONSUMER**

2.1 2.1.1 South African Revenue Service/SARS✓ (1)  
*Remembering, easy (Focus, page 163; Successful, page 181)*

2.1.2 Pay-as-you-earn/PAYE✓ (1)  
*Remembering, easy (Focus, page 163; Successful, page 181)*

2.1.3

	<b>Non-provisional tax</b>	<b>Provisional tax</b>
<b>Regularity/ Type of income earned</b>	Employed by an employer/full-time employed/regular monthly income/fixed monthly income/earning a salary✓ (1)	Income is not fixed/irregular income/people with income other than salaries✓ (1)
<b>How often the tax is paid</b>	Every month/ monthly✓ (1)	Twice a year✓ (1)

(4)

*Understanding, moderate (Focus, page 163; Successful, page 181)*

**NOTE:** Deduct one mark if not answered in table format.

2.2 • An exemption clause is a clause included in contracts that exonerates (clears) a party from any liability✓ should he/she fail to honour the agreement/when the agreed product or service does not serve the purpose for which it was acquired.✓ (2)  
*Understanding, easy (Focus, page 156; Successful, page 173)*

2.3 2.3.1 • Kettle✓  
• Basic light✓  
• Heating of water✓  
• Ironing✓  
• Small (black and white) television✓ (Any 2) (2)  
*Remembering, easy (Focus, page 183; Successful, page 203)*

2.3.2 • Set the geyser temperature to 60 °C/reduce the geyser temperature.✓  
• Install a geyser timer that can be set to turn on the geyser early in the morning and on again in the evening.✓  
• Insulate the geyser/use a geyser blanket and outlet pipes to prevent heat loss.✓  
• Use a low-flow shower head as they use 40 per cent less hot water.✓  
• Install a solar energy/solar water-heating unit with a geyser to heat water as 25 per cent or more can be saved on the electricity bill.✓ (Any 2) (2)

*Understanding, moderate (Focus, page 174; Successful, page 192)*

- 2.4
- Inflation: Inflation increases the price of goods and services therefore consumers will spend more on food.✓
  - Rising petrol prices: When the petrol price increases, transporting food to the point of sale will increase✓ therefore food prices will increase even more as the consumer eventually pays for the increase of the petrol price.✓
  - Food bought on credit: If food is bought on credit, as well as increased interest rates may increase the food price even more.✓
  - Depreciation of the rand: Imported foods will cost more.✓ (Any 4) (4)

*Applying, difficult (Successful, page 182-185; Focus, page 164-168)*

- 2.5
- It is very likely that this is a fake e-mail/phishing/scam/ identity theft.✓
  - It is very unlikely that any financial institution will offer an interest rate as low as 4,00%✓ as it is lower than the repo rate and the institution will make no money.✓
  - This deal looks too good to be true, so it is possibly too good to be true/not true.✓ (Maximum 3)
  - A consumer should not give/email any personal details to Elite Loans.✓
  - It is best to delete this e-mail.✓ (Minimum 1) (4)

*Analysing, moderate (Focus, page 159; Successful, page 177)*

**[20]**

**QUESTION 3: FOOD AND NUTRITION**

- 3.1
- Antioxidants preserve the quality of food/lengthen the shelf life✓ of food.
  - Prevent rancidity✓ and unpleasant taste and smell✓ in margarine/cooking oil/biscuits/potato chips/soup mixtures.
  - Preserve the colour of fresh cut fruit and vegetables/delay enzymatic browning/dicolouration in fruit and vegetables/fruit juice/soft drinks/ canned vegetables/frozen fruit.✓
- (Any 3) (3)

*Remembering, moderate (Focus, page 34; Successful, page 114)*

- 3.2
- Drink water only from safe water supplies that are regularly chlorinated.✓
  - Boil water✓ for 10 to 15 minutes if you are not sure that it is safe.
  - Don't swim in infected water.✓
  - Don't wash fruit/vegetables in infected water.✓
- (Any 2) (2)

*Remembering, easy (Focus, page 90; Successful, page 107-108)*

- 3.3
- Food irradiation destroys micro-organisms/pathogenic bacteria/other harmful organisms✓ in order to prevent food-borne diseases/make food safer to eat.✓
  - It destroys or deactivates organisms that cause food spoilage.✓ In this way the shelf life of fruit and vegetables is extended/ can be stored for longer.✓
  - Irradiation delays the sprouting of onion/garlic/potatoes/ripening of fruit,✓ so it reduces losses from damage during transportation/ storage.✓ In this way, the shelf life of the fruit and vegetables is extended.✓
  - It destroys insects in or on tropical fruit that is imported/exported.✓ In this way, the shelf life of the fruit is extended.✓
- (Any 2 x 2) (4)

*Understanding, moderate (Focus, page 105; Successful, page 127)*

- 3.4      3.4.1
- Diabetes is a chronic disease in which the blood-glucose level is abnormally high✓ because the body cannot control it properly.✓ It occurs when the beta cells in the pancreas do not produce any insulin✓ or do not produce enough insulin✓, or when the body does not use insulin effectively.✓
- OR**
- Diabetes develops when the body does not make enough insulin✓ or is unable to use the insulin✓ it makes. Insulin is needed to turn sugar into energy.✓ Without insulin sugar builds up in the blood/ high blood sugar levels develop.✓
- (Any 3) (3)

*Remembering, easy (Focus, page 72-73; Successful, page 80)*

- 3.4.2
- There is a link between type 2 diabetes and lifestyle.✓
  - The onset of type 2 diabetes may be prevented or delayed by following a healthy diet.✓
  - Maintaining a normal body weight✓ as obesity/overweight increases the risk of coronary heart disease and diabetes. ✓
  - Having an active lifestyle/regular exercise✓ helps the body to use insulin more effectively,✓ which controls blood glucose levels.✓
- (Any 5) (5)

*Understanding, moderate (Focus, page 73; Successful, page 82)*

- 3.5
- Fresh fruit and vegetables contain vitamin C✓ which promotes/enhances the absorption of iron.✓
  - Iron is found in green leafy vegetables will assist in the formation of haemoglobin/red blood cells.✓
- (Any 2) (2)

*Understanding, moderate (Focus, page 76-77; Successful, page 91)*

- 3.6 3.6.1
- Hypertension is caused when the blood pressure against the walls of the arteries✓ remains high for a long time.✓
- OR**
- Hypertension develops if the walls of the larger arteries lose their natural elasticity✓ and become rigid,✓ and the smaller blood vessels become narrower due to blood pressure that remains high for a long time.✓
- OR**
- The pressure of blood that flows in the arteries✓ is measured at a high and a low point.✓ If blood pressure is too high/hypertension puts you at risk✓ of a heart attack/stroke/kidney damage/eye damage.
- (Any 2) (2)

*Remembering, moderate (Focus, page 77; Successful, page 86)*

- 3.6.2
- Saul must use herbs/spices to flavour his food✓ instead of salt.
  - Reduce the intake of processed foods/snacks/smoked meat/bacon/biltong/potato chips/junk foods/salted nuts/peanuts/salted popcorn/salty cracks/pizza as it contains hidden salt.✓
  - Avoid/limit food that has salt/sodium/sodium chloride/mono-sodium glutamate (MSG) on the list of ingredients.✓
  - Avoid/limit salty food products/products high in salt which is more than 600 mg/1,5 g salt per 100 g.✓
  - Do not consume more than 5 g/1 teaspoon salt per day.✓
  - Eat food products low in salt/less than 120 mg/0,3 g salt per 100 g.✓
  - Limit the amount of salt when cooking. ✓
  - Avoid sprinkling extra salt on cooked food.✓
- (Any 5) (5)

*Applying, moderate (Focus, page 77; Successful, page 87-88)*

3.7

CRITERIA	GUIDELINES TO PREVENT OBESITY	HEALTHIER ALTERNATIVE
<b>COOKING METHODS USED</b>	<ul style="list-style-type: none"> <li>• Avoid frying food/use less fat in cooking.✓ (1)</li> </ul>	<ul style="list-style-type: none"> <li>• Grill/bake/steam food✓ (1)</li> </ul>
<b>CARBOHYDRATE INTAKE</b>	<ul style="list-style-type: none"> <li>• Reduce the intake of refined carbohydrates/ starch✓</li> <li>• Eat low GI/unrefined carbohydrates.✓ (Any 1)</li> </ul>	<ul style="list-style-type: none"> <li>• Eat wholegrain carbohydrates✓</li> <li>• Eat low GI food✓</li> </ul> <p>(Any 1)</p>

(4)

*Understanding, moderate (Focus, page 98; Successful, page 83)*

**NOTE:** One mark must be deducted if not in table format.

3.8

ONE BREAD TYPE	ONE SPREAD	ONE PROTEIN FILLING	TWO ACCOMPANIMENTS
Wholewheat/ brown bread✓ <b>Reason:</b> <ul style="list-style-type: none"> <li>• High in fibre✓</li> <li>• Low GI✓</li> <li>• Will reduce the blood cholesterol level✓</li> </ul> <p>(2)</p>	'Lite' margarine✓ <b>Reason:</b> <ul style="list-style-type: none"> <li>• Will lower the total fat content. ✓</li> <li>• Protects the heart as most contains the heart and stroke foundation logo✓</li> </ul> <p>(2)</p>	Smoked chicken/ Tuna mayonnaise✓ <b>Reason:</b> <ul style="list-style-type: none"> <li>• High in protein✓</li> <li>• Chicken without the skin has a lower fat content.✓</li> <li>• Tuna is rich in omega-3 fatty acids that protect the heart and blood vessels.✓ (2)</li> </ul>	Tomato/ Cucumber/ Low fat cheese/ Lettuce <b>Reason:</b> <ul style="list-style-type: none"> <li>• Tomatoes/cucumber/ lettuce is rich in vitamins/minerals/ fibre/low in fat✓ that reduces the risk of coronary heart disease. ✓</li> <li>• Low-fat cheese has a reduced fat content which reduces the risk of coronary heart disease. ✓ (4)</li> </ul>

(10)

**NOTE:** One mark for each choice and One mark for a reason.

*Analysing, difficult (Focus, page 73-75; Successful, page 83-85)*

[40]



**QUESTION 4: CLOTHING**

- 4.1
- They pay fair wages.✓
  - They provide good working conditions.✓
  - They provide decent work hours.✓
  - They do not use child labour.✓
  - They comply with civil labour laws and safety laws.✓
  - They support environmental sustainability.✓
- (Any 3) (3)

*Remembering, easy (Focus, page 61; Successful, page 69)*

- 4.2
- The invention of new textiles/fabrics✓ leads to fashion change.
  - Biotechnology/nanotechnology opened up a range of fabrics with special characteristics for specific purposes,✓ such as sportswear.
  - Computerised pattern-design methods/improved knitting and sewing machines✓ lead to fashion change.
  - Easy communication on fashion via television and social media/Internet/cellphone/Facebook/twitter✓ leads to fashion change.
- (Any 2) (2)

*Remembering, moderate (Focus, page 51; Successful, page 54)*

- 4.3
- First impressions are often lasting impressions.✓ People will judge you on your physical appearance✓ even before they speak to you.✓ A person who is dressed appropriately/smartly✓ gives the impression that he/she is confident,✓ ready to learn✓ and ready for doing good work for the company.✓ Your goal with first impressions should be to project a professional/competent image.✓
- (Any 3) (3)

*Understanding, easy (Focus, page 53; Successful, page 57)*

**NOTE:** Deduct ONE mark if the answer is not written in a paragraph.

- 4.4 4.4.1
- Fashion cycles will be shorter/fashions will not last long/peak of the fashion cycle will be shorter.✓
  - Fashion cycles will overlap with shorter intervals.✓
  - This will result in more fashion fads.✓
- (Any 2) (2)

*Applying, moderate (Focus, page 50; Successful, page 50)*

- 4.4.2
- A constant demand to deliver newness means that new garments must be made all the time. As a result, more new/virgin fabrics must be produced. This causes pollution,✓ may use/depletes natural resources/forests✓ and increases the use of water/depletes water resources.✓ Harmful chemicals✓ are used in the production of dyes. When consumers constantly buy new garments/clothes the old ones often land in landfill sites where those that are not biodegradable may remain for a very long time✓ and cause pollution.✓ If new garments are imported they are transported that emits carbon dioxide.✓
- (Any 4) (4)

*Applying, difficult (Focus, page 61-63; Successful, page 67-70)*

**NOTE:** Deduct one mark if not written in paragraph format.

- 4.5 Grey blazer✓ (1)
- Will keep her warm✓
  - Will match the grey pants/white shirt/other items✓
  - Professional/formal/smart look/appearance✓
  - Classic style, can be worn for a long time✓ (Any 2)
- OR**
- Long grey pants✓ (1)
- Plain/neutral colour, can be mixed-and-matched with other clothes✓
  - Professional/formal/smart look/appearance✓
  - Classic style, can be kept for a long time✓ (Any 2)
- OR**
- White long-sleeved shirt✓ (1)
- Classic style, can be kept for a long time✓
  - Plain/neutral colour, can be mixed-and-matched with other clothes✓
  - Professional/formal/smart look/appearance✓ (Any 2)
- (Any 2 x 3) (6)
- Evaluating, moderate (Focus, page 57-60; Successful, page 61-62, 64)*

**[20]**

**QUESTION 5: HOUSING**

- 5.1
- Payments of the principal/capital (amount borrowed)✓
  - Interest✓
  - Life insurance premiums✓
  - Home-owner's comprehensive insurance premiums✓
  - Administration fees✓
- (Any 2) (2)

*Remembering, easy (Focus, page 128; Successful, page 145)*

- 5.2
- A title deed is a document that reflects the details of the ownership✓and of the property.✓
- OR**
- A title deed is a document that proves that you are the owner of the property✓and includes the location/size of the property✓as well as the owner's particulars.
- (Any 2) (2)

*Remembering, easy (Focus, page 128; Successful, page 146)*

- 5.3
- A deposit is paid for the connection of water✓and electricity✓when a consumer buys a house.
- (2)

*Remembering, easy (Focus, page 128; Successful, page 147)*

- 5.4
- Breakdown of costs/building/legal costs.✓
  - Detailed description of the materials and finishes.✓
  - Exact dimensions of the house/dimensions according to the house plan.✓
  - Completion date.✓
  - Date and method of payment.✓
  - Guarantees provided by the builder to repair/set right any structural defects/roof leaks/incorrect building/late completion of work.✓
  - A clause of cancellation/suspension of the contract if either of the parties cannot adhere to it/clause indicating that if the loan application is declined/application for government subsidy is turned down, the agreement with the contractor/builder does not come to effect/falls through.✓
- (Any 4) (4)

*Remembering easy (Focus, page 120; Successful, page 139)*

- 5.5
- 5.5.1
- This insurance will cover any losses should the permanent fixtures/home structure✓ suffer damage as a result of a natural disaster/storm/ flood,✓ an accident,✓ a burst geyser,✓ political unrest,✓ a fire✓.
- (Any 2) (2)

*Remembering, easy (Focus, page 127; Successful, page 145)*

- 5.5.2
- Household content insurance✓
  - Will cover items such as electronic equipment/furniture/ clothing/curtains.✓
- (2)

*Applying, moderate (Focus, page 127-128; Successful, page 145)*

- 5.6      5.6.1      • Lindiwe will not qualify✓ for a government housing subsidy.  
 • Lindiwe has a well-paid corporate job and she can only qualify if she earns R3 500.00 or less per month.✓  
 • Lindiwe is not married/has no long term partner/is single/ has no dependants and a citizen only qualifies if she/he has dependants.✓ (3)

*Understanding, easy (Focus, page 130; Successful, page 149)*

- 5.6.2      Sectional title town house.✓ (1)
- A sectional title town house in a complex is more secure/ safer/has more security✓/as she is a single woman✓ /as she travels.✓
  - She will have the benefit of enjoying the communal garden✓ and swimming pool✓ without the problem of looking after them/ the body corporate will have the responsibility of maintaining the garden and swimming pool.✓
  - She travels often and will have less maintenance to do✓ as the body corporate✓ maintains the exterior of her town house.✓
- (Any 4) (4)

*Applying, moderate (Focus, page 122-123; Successful, page 140-141)*

- 5.7      • Buying a property is very costly/expensive as there are transfer costs/ transfer duties/transfer fees✓ and hidden costs/bond registration fees/ deeds office fees/interim rates/ initiation fee/property valuation fees/ occupational rent/ administration fees/service connection fees.✓  
 • Renting is cheaper in the short term/initially cheaper✓ and this enables a tenant to save✓ money for a deposit. The larger your deposit, the easier it will be to meet the financial responsibilities of owning property.✓  
 • A tenant pays a fixed amount over a specific period✓ and is not affected by increases in the interest rate.✓  
 • A tenant does not pay municipal rates/property tax./Owners pay municipal rates/property tax.✓  
 • A tenant does not pay for the maintenance of the property./Owners pay for maintenance.✓  
 • A tenant does not pay bond insurance/home owner's insurance./Owners pay bond insurance/home owner's insurance.✓  
 • It is easy to move after giving due notice.✓ It is thus easier to rent if you are not going to stay for long in a city/town/ know that you are going to move soon.✓ (4 x 2) (8)

*Applying, moderate (Focus, page 118 and 127-128; Successful, page 137 and 146-147)*

- 5.8 5.8.1 Functionality:
- The appliance is small and will easily fit into a small space.✓
  - The appliance is not heavy and can easily be moved when the student moves.✓
  - The appliance is multi-functional as the student can cook, bake and grill.✓ (Any 2)
- 5.8.2 Consumption of human energy:
- Solid plates are easy to clean,✓ so this saves human energy.✓
  - The appliance has easy-to-use control buttons.✓ (Any 2)
- 5.8.3 Consumption of non-human energy:
- Solid plates take a while to heat up,✓ this wastes electricity.✓
  - Solid plates stay warm for several minutes after they have been turned off,✓ so food can be kept warm after cooking.✓
  - There are two plate sizes, so energy can be saved if a small saucepan is used.✓
  - The temperature controls are efficient as they provide more regulated heat.✓
  - The oven is energy efficient as less electricity is needed✓ to heat a small oven. (Any 5)
- 5.8.4 Conclusion:
- The appliance will fulfil the cooking needs for a student who mostly cooks for him-/herself.✓
  - This cooking appliance is suitable for a student who is moving into a small flat.✓ (Any 1) (10)

*Evaluating, moderate (Focus, page 139-140; Successful, page 159-160)*

**NOTE:** The conclusion can be at the beginning or at the end of the answer.

**[40]**

**QUESTION 6: ENTREPRENEURSHIP**

- 6.1
- Name of product✓
  - Trade name/Trade mark✓
  - Name and address of manufacturer✓
  - Price/price code/bar code✓
  - Product content✓
  - Size/M/L/XL, etc.✓
  - Care instructions✓
- (Any 4) (4)

*Remembering, easy (Focus, page 29; Successful, page 29)*

- 6.2
- Creating awareness about the product or service.✓
  - To attract the attention of customers./Generate customer's interest.✓
  - Persuading customers to buy the product./Create the desire to possess the article/product./To convince consumers to buy the product.✓
  - Expanding the market to new customers.✓
  - To provide information about the product.✓
- (Any 3) (3)

*Remembering, easy (Focus, page 30; Successful, page 30)*

**NOTE:** Only mark the first three answers.

- 6.3
- Using goods and services to improve quality of life✓ and meet the needs of consumers,✓reducing the use of natural resources, toxic materials and chemicals/reducing waste✓ and pollution✓to protect the natural environment. ✓
- (Any 3) (3)

*Remembering, easy (Focus, page26; Successful, page 26)*

- 6.4
- Demand-based pricing strategy:
- The entrepreneur begins by establishing the price that the target market is prepared to pay for the product.✓
  - The entrepreneur then works backwards and makes sure that the costs are kept as low as possible so that a profit can still be made.✓

**OR**

Premium pricing strategy:

- The entrepreneur prices his or her products above the average market price.✓
  - The higher price will indicate to customers that the product is of a high quality/unique.✓
- (2)

*Remembering, easy (Premium pricing strategy: Focus, page 32; Demand-based pricing strategy: Successful, page 31)*

- 6.5 6.5.1 Infra-structure:
- Kitchen (from her mother)✓
  - Electricity✓
  - Water✓
- Appliances:
- Equipment (from her mother) ✓
  - Money for the sugar thermometer✓ (3)
- Stock:
- Materials/wood for the shelves that had to be built✓
  - Money for the raw materials/ingredients✓ (Any 3)
- Remembering, easy (Focus, page 11; Successful, page 18)*
- 6.5.2
- The area must be well lit so that the stock can be organized and managed efficiently.✓
  - Stock should be stored and arranged so that goods that are used frequently can be obtained quickly.✓
  - Arrange stock according to best before date/expiry date/follow the first-in-first out principle.✓
  - Check that the room has no mildew or damp/the storage area must be cool and dry.✓
  - The shelves must be kept clean and free of dust.✓
  - Treat the storage area for pests.✓ (Any 3) (3)
- Understanding, easy (Focus, page 22-23; Successful, page 25)*
- 6.5.3
- Must suit the meringues/suitable shape that will protect the shape of the meringue.✓
  - Must be strong to protect the meringues.✓
  - Suitable size for the meringues.✓
  - Must keep the meringues clean/fresh/safe for the intended shelf-life.✓
  - Must be airtight/ must protect the meringues from dust/ moisture/drying out/contamination.✓
  - Strong enough for transportation.✓
  - Easy to handle, open and close.✓ (Any 3) (3)
- Understanding, easy (Focus, page 22; Successful, page 29)*
- 6.5.4 (a) Human skills:
- Anati had the skills to make fudge and meringues as she learned that at school.✓ She attended a course at a cooking school✓ to help her to perfect the toffee and nougat recipes. (2)
- (b) Consumer appeal:
- Her products appealed to the students/ the students liked her products.✓ It is easy for the students to buy the sweets directly from her.✓ They asked for a wider variety✓, such as nougat and fudge.✓ (Any 2) (2)
- Understanding, moderate (Focus, page 10 – 14; Successful, page 16 - 20)*

6.5.5

Option 1:

$$\begin{aligned}\text{Cost of one packet} &= \text{R}18,00 \div 100 \\ &= \text{R}0,18\checkmark\end{aligned}$$

$$\begin{aligned}\text{R}31,00 + \text{R}4,00 &= \text{R}35,00 \div 36 \\ &= \text{R}0,97 \text{ per block}\checkmark\end{aligned}$$

$$\begin{aligned}\text{Cost per packet} &= \text{R}0,97 \times 2 + \text{R}0,18 \\ &= \text{R}2,12\checkmark\end{aligned}$$

$$\text{R}2,12 \times 120\%\checkmark = \text{R}2,54\checkmark$$

$$\text{R}2,12 + \text{R}2,54 = \text{R}4,66\checkmark$$

$$\text{Selling price of one packet} = \text{R}5,00\checkmark$$

Option 2:

$$\begin{aligned}\text{Cost of one packet} &= \text{R}18,00 \div 100 \\ &= \text{R}0,18\checkmark\end{aligned}$$

$$\begin{aligned}\text{R}31,00 \div 36 &= \text{R}0,86 \text{ per block} \\ \text{R}4,00 \div 36 &= \text{R}0,11 \text{ per block} \\ \text{R}0,86 + \text{R}0,11 &= \text{R}0,97 \text{ per block}\checkmark\end{aligned}$$

$$\begin{aligned}\text{Cost per packet} &= \text{R}0,97 \times 2 + \text{R}0,18 \\ &= \text{R}2,12\checkmark\end{aligned}$$

$$\text{R}2,12 \times 120\%\checkmark = \text{R}2,54\checkmark$$

$$\text{R}2,12 + \text{R}2,54 = \text{R}4,66\checkmark$$

$$\text{Selling price of one packet} = \text{R}5,00\checkmark$$

Option 3:

$$\begin{aligned}\text{Cost of one packet} &= \text{R}18,00 \div 100 \\ &= \text{R}0,18\checkmark\end{aligned}$$

$$\begin{aligned}\text{R}31,00 + \text{R}4,00 &= \text{R}35,00 \div 18 \\ &= \text{R}1,94 \text{ per packet}\checkmark\end{aligned}$$

$$\begin{aligned}\text{Cost per packet} &= \text{R}0,18 + \text{R}1,94 \\ &= \text{R}2,12\checkmark\end{aligned}$$

$$\text{R}2,12 \times 120\%\checkmark = \text{R}2,54\checkmark$$

$$\text{R}2,12 + \text{R}2,54 = \text{R}4,66\checkmark$$

$$\text{Selling price of one packet} = \text{R}5,00\checkmark$$

(7)

**NOTE:** The rand (R) value must be indicated. Penalise (-1) only once.  
*Applying, moderate (Focus, page 37-38; Successful, page 38-39)*



- 6.5.6
- In December, January, April and July, students are on holiday, ✓ therefore she has a lower income during these months. During these months her production costs increase because she produces products during the holidays. ✓
  - In February, March, May, August, September and October, students are on campus and she is selling her products, ✓ therefore she has a higher income during these months. During these months her production costs decrease as she produces fewer products while she is studying. ✓

(4)

*Analysing, moderate (Focus, page 39; Successful, page 41)*

- 6.5.7
- She must save some of her profit ✓ during the months that she earns well/February, March, May, August, September and October, for the ingredients she needs to buy during her production months. ✓
  - During the holiday months/December, January, April and July she can sell her products on the nearby flea market ✓ to increase her income.
  - Anati can make special holiday packaging to sell in the community/on the flea market during December/festive holiday. ✓
  - She can continue selling her products on campus during the holidays if there are sports training/workshops/ conferences. ✓
  - She can ask for orders for birthdays or special occasions. ✓

(Any 4)

(4)

*Creating, moderate (Focus, page 35; Successful, page 34)*

**[40]****GRAND TOTAL: 200**