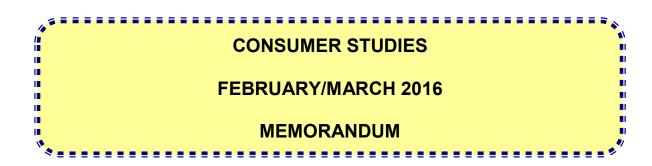


basic education

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

NATIONAL SENIOR CERTIFICATE

GRADE 12



MARKS: 200

This memorandum consists of 13 pages.

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SECTION A: SHORT QUESTIONS

QUESTION 1

1.1	1.1.1	B√	Remembering, easy (Focus, p. 165; Successful, p. 181)	(1)
	1.1.2	A✓	Remembering, easy (Focus, p. 163; Successful, p. 180)	(1)
	1.1.3	D✓	Remembering, easy (Focus, p. 161; Successful, p. 177)	(1)
	1.1.4	C√	Understanding, easy (Focus, p. 77; Successful, p. 91)	(1)
	1.1.5	B√	Remembering, easy (Focus, p. 73; Successful, p. 82)	(1)
	1.1.6	D√	Remembering, easy (Focus, p. 94; Successful, p. 114)	(1)
	1.1.7	A✓	Remembering, easy (Focus, p. 90; Successful, p. 106)	(1)
	1.1.8	D√	Remembering, easy (Focus, p. 106; Successful, p.128)	(1)
	1.1.9	C√	Remembering, easy (Focus, p. 57; Successful, p. 61)	(1)
	1.1.10	B√	Applying, moderate (Focus, p. 59; Successful, p. 62)	(1)
	1.1.11	A✓	Remembering, easy (Focus, p. 126; Successful, p. 144)	(1)
	1.1.12	C✓	Understanding, moderate (Focus, p.136; Successful, p.151)	(1)
	1.1.13	D✓	Understanding, moderate (Focus, p.148; Successful, p.163)	(1)
	1.1.14	B√	Understanding, easy (Focus, p.134; Successful, p. 155)	(1)
	1.1.15	C√	Remembering, easy (Focus, p. 167; Successful, p. 184)	(1)
	1.1.16	A✓	Understanding, moderate (Focus, p. 13; Successful, p. 19)	(1)
	1.1.17	B√	Understanding, moderate (Focus, p. 21; Successful, p. 24)	(1)
	1.1.18	C√	Understanding, easy (Focus, p. 25; Successful, p. 25)	(1)
	1.1.19	D√	Understanding, moderate (Focus, p. 25; Successful, p.25)	(1)
	1.1.20	B√	Understanding, moderate (Focus, p. 35; Successful, p.35)	(1)
1.2	1.2.1	C ✓ vii	✓ (Focus, p. 76; Successful, p. 90)	(2)
	1.2.2	B√v	✓ (Focus, p. 72; Successful, p. 81)	(2)
	1.2.3	D√iv	(Focus, p. 79; Successful, p. 93)	(2)
	1.2.4	E ✔ vi	✓ (Focus, p. 79; Successful, p. 92)	(2)

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1.3	1.3.1	Full title/freehold ownership \checkmark	(Foc, p. 121; Suc, p. 139)	(1)
	1.3.2	Transfer duties/duty√	(Foc, p. 128; Suc, p. 146)	(1)
	1.3.3	Title deed√	(Foc, p. 128; Suc, p.146)	(1)
	1.3.4	Initiation fees \checkmark	(Foc, p. 127; Suc, p.146)	(1)
	1.3.5	Bond/mortgage protection (insurance) ✓	(Foc, p. 128; Suc, p. 145)	(1)
	1.3.6	Home owner's (comprehensive) insurance \checkmark	(Foc, p. 127; Suc, p. 145)	(1)
Remen	1.3.7 nbering, ea	Fixed interest rate√ sy	(Foc, p. 127; Suc, p 145)	(1)
1.4	B ✓ D ✓ E ✓ F ✓			
	🗸			(5)

Understanding, moderate (Successful, page 49–50, Focus, page 50–51)

QUESTION 2: THE CONSUMER

2.1 2.1.1 • The consumer price index (CPI) shows/measures a change in the price/cost√ of a group of products and services√ over a specific period.√ (Any 2) (2)

Remembering, easy (Focus, page 167; Successful, page 185)

- The price of bread and cereals increased as a result of the drought in the second half of 2013.√
 - The price of poultry increased as a result of the increase in the price of maize. √/Chickens eat maize/mealies and that lead to an increase in the price of poultry. √
 - The price of fruit and vegetables increased because the abnormal high rainfall/floods lead to shortages and therefore sharp price increases.√
 - Transport costs influence delivery charges ✓ to rural areas which contributed to the increased prices of the three food categories (bread and cereals, vegetables, poultry).

(Any 4) (4)

[40]

Understanding, moderate (From extract, Focus, page 167; Successful, page 185)

(Any 2)

2.2 2.2.1 Toilet flushing

- Place a plastic bottle filled with water or a brick into the cistern ✓ to reduce the amount of water per flush.
- Install a dual-flush toilet that uses less water to flush liquids.✓
- Make sure the toilet doesn't leak.✓
- After flushing, lift the handle to stop unnecessary flushing.√
- Use grey water to flush toilet. ✓
- 2.2.2 Gardening
 - Plant indigenous and water-wise plants√ which require less water.
 - Install a rainwater tank ✓ and use the water for watering the garden.
 - Recycle grey water√ from the washing machine/basins/ shower/bath to water the garden/plants. (Any 2)

Understanding, moderate (Focus, page 180–181; Successful page 199)

2.3

Pyramid scheme	Multilevel
	marketing scheme
Payments for	Supply real investment/sells
	products/services to the
into the scheme \checkmark	public.√
Pyramid schemes are	Multilevel schemes are
illegal.√	legal.√
	Payments for enrolling other people into the scheme ✓ Pyramid schemes are

(4)

(2)

(2)

Understanding, moderate (Focus, page 162; Successful, page 178, 179 **NOTE:** Learners must make a comparison. TWO marks for illegal pyramid scheme and TWO marks for a legal tiered-level/multilevel marketing scheme.

2.4 **Pay off high-interest bearing debt:**

- Consumers will not have to pay the high interest if debt is paid off.

 Consumers will then have more disposable income.
- An increase in the interest rate ✓ can result in more money to be paid if money is borrowed in January. ✓

Pay next year's school fees:

 When paying off school fees in advance, most schools give a discount.✓ This leaves consumers with extra money that can be used for other necessities.✓

Pay extra on your home loans:

• Paying extra on your home loan reduces the number of instalments to be paid ✓ and the amount of interest that must be paid on the outstanding home loan balance. ✓

Share holidays accommodation and food expenses with family or friends:

- If every family contributes when holiday accommodation is shared, it reduces every family's cost for accommodation ✓ and water and electricity. ✓
- If families buy food together when on holiday, they can buy in bulk and this is normally cheaper√which leaves each family with more money for January.√ (Any 3 x 2)

(6) **[20]**

Analysing, difficult (Focus, page 167–168; Successful, page 184–186)

QUESTION 3: FOOD AND NUTRITION

- Bacillary dysentery is spread through contact with faeces of an infected person. ✓ This can happen through food, water.
 - Flies may also play a role in transmitting the bacteria. \checkmark
 - It could be contracted by swimming in infected water.✓
 - Amoebic dysentery is passed on if hygiene/sanitation is poor

 and when contaminated food and drinks are consumed without adequate cooking or boiling.
 - Can spread through salad washed with contaminated water.
- Not washing hands after using public toilets. ✓ (Any 5) (5) *Remembering, easy (Focus, page 90; Successful, page 107)*

- 3.1.2 Stay hydrated/drink safe chlorinated/boiled water.√
 - Oral rehydration fluids must be taken to replace loss of fluid and electrolytes.√
 - Dysentery caused by Shigella bacteria can be treated with antibiotics.√
 - Medication can be taken for amoebic dysentery. (Any 3) (3)

Remembering, easy (Focus, page 90; Successful, page 10)

- 3.2 3.2.1 Excessive/too much salt intake√
 - Consuming too much fat/refined carbohydrates/over indulgence leads to overweight or obesity√
 - Excessive/too much alcohol
 - Insufficient intake of dairy, fruit and vegetables (calcium, potassium and magnesium)√ (Any 3) (3)

Remembering, easy (Focus, page 77; Successful, page 87)

3.2.2 High blood pressure is known as the silent killer ✓ as there are no warning signs or symptoms. ✓ Uncontrolled high blood pressure can lead to a heart attack/ stroke/kidney failure/damage to the eyesight. ✓ If people do not test their blood pressure, they will not know that they have the condition and may suffer the consequences. ✓ If people test their blood pressure, they will know if they have high blood pressure and can then make lifestyle changes/exercise more/stop smoking/make dietary changes. ✓

(Any 3) (3)

Understanding, easy (Focus, page 77; Successful, page 87) NOTE: If a paragraph format is not used, ONE mark will be deducted.

- 3.3 Anorexia√
 - She thinks her son is starving√
 - He has become thin/comes home so thin/constantly lose weight ✓ OR
 - Starving \checkmark and being very thin \checkmark are characteristics of the disorder. (3)

(NOTE: ONE mark must be allocated for anorexia and TWO marks for reasons.) *Understanding, moderate (Focus, page 82; Successful, page 94)*

- 3.4 Asthma√
 - Skin rashes√
 - Swelling√
 - Itching/running nose√
- It can possibly cause hyperactivity in some children.√ (Any 3) (3) Understanding, moderate (Focus, page 95; Successful, page 113)
- 3.5 3.5.1 Allergens are food proteins/substances√ that cause/trigger an allergic reaction/response if consumed.√ (2)

Remembering, easy, (Focus, page 79, Successful, page 92)

There is gluten in the crumbs (contain wheat flour) ✓ and in the batter (contains wheat starch). ✓ (2)

Understanding, easy (Focus, page 81; Successful, page 93)

- 3.5.3 The herbs and spices were irradiated as they may contain an unacceptably/very high bacterial load.√
 - They must be irradiated to prevent them from contaminating the fishcakes/foods to which they are added. OR If the herbs and spices are not treated, the fish cakes/all food to which they are added also become contaminated.

Understanding, easy (Focus, page 105; Successful, p 128)

The preservative/potassium sorbate prolongs/lengthens the shelf-life ✓ of the crème fraiche by protecting it against deterioration caused by micro-organisms/inhibiting/retarding/ preventing/slowing down growth of micro-organisms/spoilage caused by micro-organisms.√

Understanding, moderate (Focus, page 113; Successful, page 94)

- 3.5.5 Baking is beneficial for an obese person as no extra fat/oil√ is added.
 - This means that no extra energy/kilojoules \checkmark are added.
 - Reducing/restricting the intake of fat/energy/kilojoules assist with weight loss.√ (Any 2) (2)

Applying, moderate (Focus, page 83; Successful, page 98)

(2)

(2)

- The saturated fat content in the fishcakes is low √
 (2,5 g/100 g or 2 g/80 g). Fat, especially saturated fat, should
 be decreased/restricted/used sparingly√ as it causes an
 increase in low-density lipoprotein (LDL).√
 - The fish cakes have a low trans fat content√ (0,1 g/100 g or 0,1 g/80 g). The intake of trans fat should be restricted√as they raise the low-density lipoprotein (LDL)-cholesterol levels √ which increase the risk of coronary heart disease.√
 - The fish cakes have a high unsaturated fat content√ (monounsaturated fat: 5,8 g/100 g or 4,6 g/80 g and polyunsaturated fat: 2,2 g/100 g or 1,8 g/80 g) that will increase high-density lipoprotein (HDL) and lower the blood-cholesterol levels.√
 - The fish cakes are high in omega 3 fatty acids (578 mg/100 g or 462 mg/80 g).√Omega 3 fatty acids will help to reduce blood cholesterol levels/protect the heart and blood vessels√.
 - The fish cakes have a low cholesterol content √ (36 g/100 g or 29 mg/80 g). The intake of foods high in cholesterol should be limited.√
 - The fish cakes contain a moderate amount of fibre√ (2,9 g/100 g or 2,3 g/80 g). Fibre has a cholesterol-lowering effect.√
 - Obesity is a risk factor for coronary heart disease. ✓ A reduced intake of fat will assist with weight loss ✓ and an increased intake of fibre will assist with weight loss. ✓
 - The fish cakes contain no sugar, ✓ which will help with weight loss. ✓
 - The fish cakes contain a moderate amount of sodium (338 mg/100 g or 270 mg/80 g). ✓ High blood pressure is a risk factor for coronary heart disease. ✓ Salt/Sodium must be restricted/used sparingly to manage high blood pressure. ✓
 - (Any 9)

(10)

[40]

Conclusion: The fish cakes are suitable for the management of coronary heart disease because they are baked and not fried/have nutrients that will benefit a person with coronary heart disease.√ (1)

Evaluating, difficult (Focus, page 73–75, page 77; Successful, page 83–85) NOTE: The conclusion could also be at the start of the learner's response. 4.1

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(Any 3)

(3)

(2)

QUESTION 4: CLOTHING

- The original manufacturers lose income/sales.√
 - The image of the brand is harmed/negatively affected.√
 - Consumers may lose faith in brands.
 - It prevents the registered trademark owners from entering the markets where pirate brands are popular.√
 - It disadvantages retailers selling legitimate products, resulting in lower income/sales, ✓ which may lead to actual job losses.✓
 - It deprives national economies of custom duties and tax revenues.✓
 - There is no competition in the market.✓

Remembering, moderate (Focus, page 64; Successful, page 72)

- 4.2 The fashion is introduced.✓
 - The fashion leaders either accept or reject the style.✓

Remembering, easy (Focus, page 49; Successful, page 50)

4.3 Fashion cycles overlap because consumers are bored with the old trend/less consumers wear the old trend as interest is decreasing. ✓ A new trend/fashion is introduced/begins/launched/celebrities are photographed wearing the trend.✓Fewer consumers wear the old trend, until no one wears it any more.✓While the old trend declines, interest in the new trend increases.✓Clothing stores advertise the new trend in magazines and in window displays and is produced in growing numbers. ✓By this time a new fashion trend has established itself and is well on its way to its peak.✓

(Any 2) (2)

(3)

Understanding, easy (Focus, page 50; Successful, page 50)

4.4 4.4.1
 The vertical stripes will create the illusion that the person wearing the shirt is taller ✓ and slimmer ✓ as the eye will move up and down. ✓

Applying, easy (Clothing Grade 11)

- 4.4.2 It is a classic style ✓ and can be worn for many years/will not date easily/timeless. ✓
 - It has neutral colours√ that make it versatile/can mix and match√ easily with other clothing items.
 - It looks formal/professional.√
 - 100% cotton is comfortable to wear√ in winter and summer/all seasons.√
 - The easy-iron finish makes it easy to care for \checkmark (Any 4) (4)

Analysing, moderate (Focus, page 56–58; Successful, p 61–63)

4.5 • Fashion fad:

The floral bow tie is blue and white and will outdate quickly/normally lasts for one season. \checkmark (1)

• Classic style:

The white shirt/dark blue jacket are classic styles \checkmark and will be timeless/last for many seasons/remain popular for a long time. \checkmark White is a neutral colour/dark blue is a shade of blue. \checkmark

(Any 2) (2)

 Contemporary style: The skinny pants is modern/in fashion√ and light blue/tint of blue. √ (2)

Conclusion:

The floral blue and white bow tie, white shirt, dark blue jacket and light blue skinny pants create a harmonious blue and white colour combination. \checkmark (1)

Analysing, difficult (Grade 11/Focus, page 56–59; Successful, page 61–65)

QUESTION 5: HOUSING

- 5.1 The applicant should be a South African citizen or have a permanent residence permit. \checkmark
 - The applicant should be at least 21 years old/legally competent to enter into a contract.√
 - The applicant's monthly income cannot exceed R3 500.00./Proof of income must be submitted.√
 - Nobody in the household may have received a housing subsidy from the government previously, except for disabled people and people who qualify for the consolidation subsidy.
 - The applicant must be a first-time home owner/must not have previously owned a house, except for disabled people and people who qualify for the consolidation subsidy.√
 - The applicant must be married or must live with a long-term partner. A single or divorced person with financial dependants such as children and family members may also apply.√ (Any 4) (4)

Remembering, easy (Focus, page 130; Successful, page 149)

- 5.2 Electricity/energy consumption. ✓
 - Water consumption. ✓
 - Impact on the environment/carbon footprint. \checkmark

Remembering, easy (Focus, pages 133–134; Successful, page 155)

(6) **[20]**

(3)

10

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- 5.3 5.3.1 (a) • A lease/rental agreement ✓
 - Deon should adhere to the lease/rental period. \checkmark
 - Adhere to rental fee√
 - Adhere to rental conditions e.g. Having pets, maintenance, alterations to the unit.√

Understanding, moderate (Focus, page 117 and 118; Successful, page 137)

- (b) Date on which Deon can move into the unit. \checkmark
 - Length/duration/expiry date of the lease.✓
 - Deposit that should be paid (in addition to the first month's • rent).√
 - Terms and conditions regarding the refund of the • deposit.√
 - Conditions regarding the subletting \checkmark of the unit. •
 - Conditions regarding the inspection \checkmark of the property. •
 - Conditions regarding the entry to the unit by the owner. \checkmark •
 - Who is responsible for the payment of water and • electricity.√
 - Whether pets are allowed.✓ •
 - The condition that the landlord must approve any changes Deon wants to make to the unit. \checkmark (Any 5) (5)

Remembering, easy (Focus, page 117–118; Successful, page 138)

5.3.2 Rental Housing Act√ •

Remembering, easy (Focus, page 118; Successful, page 137)

- 5.3.3 • It gives the landlord a sense of security and independence. \checkmark
 - The property can be used as security for a bank loan. \checkmark •
 - It is a sound investment because the value of the property • increases over time/can be sold for a profit. \checkmark
 - The landlord is renting the property out for an income. \checkmark •
 - The landlord has less administration to do because the body corporate administers the complex.✓
 - He/she saves on the costs for maintaining a larger property and garden.√ (4) (Any 4)

Understanding, moderate (Focus, page 123; Successful, page 141)

5.3.4 Deon should have read the contract before signing it. \checkmark He • should have done inspection of the property together with the landlord \checkmark and made a list of defects \checkmark before moving in.

Applying, easy (Focus, page 118; Successful, page 137)

(1)

(3)

(4)

- 5.3.5 There was a problem with the light fittings and electrical connections/broken rubber seal of the oven could have led to the use of more electricity. ✓ The oven loses energy ✓ and could increase the cooking time. ✓
 - The toilet kept on running after flushing, therefore water was wasted. \checkmark
 - The kitchen tap was leaking, therefore water was wasted.✓
 - Deon had a barber business, using more electricity when the hair clipping machine was switched on/used.√
 - Deon's customers could have washed their hair, resulting in more water usage.√
 - Deon had a friend living with him, therefore more water and electricity was used.√
 - They held many parties and this could have increased the water √and electricity usage√ as music is played/food prepared. (Any 5)

Applying, moderate (Scenario)

- 5.3.6 Deon had proof/took video clips/pictures ✓ with the date ✓ when he moved in.
 - This shows that he was not responsible for the tiles that were already broken/iron burn mark on the carpet/leaking kitchen tap/broken toilet flushing system/broken seal of the oven.√

Applying, moderate (Scenario)

- Employers should know their employees housing circumstances and help them to improve their homes.√
 - Employers can assist their employees by offering a monthly housing allowance/subsidy ∕ which will help in paying monthly instalments on a property/home improvements. √
 - Subsidise part of the interest on an employee's home loan.√This could lead to lowering bond expenses.
 - By paying a living wage/salary that will enable employees to pay rent√and to save towards buying their own house/property/improve existing property.√
 - Give employees an option of staying in company-owned houses√ at a lower rent while employed by the company.√
 - Arranging home loans√and assisting in the purchasing of building materials.√
 - Helping employees to use their pensions ✓ as collateral security for loans/offer guarantees to lenders. ✓
 - Help with relocation costs/providing transport for relocation resulting in more money available for possible home improvements.√
 - Providing solar panels for employees' homes√reducing electricity costs.√This results in saving money which could be used for the purchasing of household appliances. √
 - Provide housing consumer education and advice to employees.√

Analysing, moderate (Focus page 132; Successful page 150)

(8) **[40]**

(3)

(5)

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QUESTION 6: ENTREPRENEURSHIP

- 6.1 Attract attention/colourful/legible.√
 - Create awareness about a product or service.√
 - Arouse/generate customer interest.√
 - Creates desire for a product/service.√
 - Persuade customers to buy/leads to buying action.✓
 - Expand the market to new customers.√
 - Announces a modification or expansion of a business.
 - Gives customers a telephone number/e-mail address/information.√
 - Announces the location of a business.✓
 - Maintains sales/reminding customers continuously about a business. ✓

(Any 4) (4)

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

- 6.2 6.2.1 Sustainable profitability
 - Sustainable profitability is the business's ability to maintain a stable level of production and sales√ without depleting available cash.√
 - OR
 - A profitable business is one that has a plan to ensure that it will grow \checkmark and still show a profit in the long run. \checkmark

Remembering, easy (Focus, page 35; Successful, page 34)

- 6.2.2 Mark-up
 - The amount/percentage added to the cost price ✓ of goods to cover overhead expenses ✓ and still leave money for profit. ✓

(Any 2) (2)

(2)

Remembering, easy (Focus, page 37; Successful, page 39)

- 6.3 To protect the product. \checkmark
 - Keep the product safe and hygienic. \checkmark
 - It could act as a 'silent salesman'/attract the attention of consumers.√
 - Well-designed packaging can reflect well on a business image.

(Any 3) (3)

Remembering, moderate (Focus, page 30; Successful, page 29)

- 6.4 6.4.1 Regular maintenance prevents unexpected breakdowns during production√and ensures continuous production flow.√
 - It reduces repairs v and unscheduled maintenance. v
 - Corrective maintenance will result in a stop of production when sewing machines break down, √therefore time will be wasted√and garments will not be delivered on time. √
 - Corrective maintenance will increase major repairs and unscheduled maintenance </r>

(Any 4) (4)

Understanding, moderate (Focus, page 25; Successful, page 25)

(6)

(6)

(7) **[40]**

6.4.2 Maya pays special attention to each customer. ✓ Customers do final fitting of the garments ✓ (and customers can give feedback after every fitting) ✓ which Maya uses to improve the garments/service/ business. ✓ Maya therefore meets the needs of her customers. ✓ The garments are always ready on time/two weeks before the delivery date ✓ that can result in customer satisfaction. ✓ She serves refreshments to her customers which makes them feel important and thus ensures that they enjoy doing business with her. ✓ (Any 6)

Understanding, difficult (Focus, page 7–9; Successful, page 10–12 NOTE: If it is not written in paragraph format ONE mark is deducted.

- 6.4.3 Maya has natural talent for sewing and will produce good quality items.√
 - Maya pays special attention/interest in her customers and ensures that their needs are met.√
 - She had capital/start-up money√as she earned a salary.√to buy sewing machines and an over locker.√
 - She had time ✓ as she is entitled to fourteen days off in a month ✓
 - She had a place for the business√she converted a room into a sewing room.√
 - She produces garments for formal events. \checkmark (Any 6) (6)

Applying, moderate (Focus, page 13; Successful, page 25)

6.5 Total cost of production = cost of raw materials + other expenses = R35,00 + R150,00 = R185,00✓

Selling price = total production costs + mark-up

- = R185,00 + (50/100)/50% = R92,50√
- = R185,00 + R92,50√
- = R277,50√
- = R277,50 ÷ 100√
- = R2,78 rounded off
- = R3,00√

Applying, moderate (Focus, page 37; Successful, page 39)

- In January Peter spent R1 500,00 on ingredients as fewer doughnuts were produced and sold.√There were only two weeks of school due to the December school holidays.√
 - Sales increased during February√because the bakery closed down and Peter's business attracted more customers.√
 - March had the highest product sales ✓ because of the big order for the sports day. ✓
 - In April sales dropped√due to school holidays.√
 - In May there was an increase in sales √as a result of the wider variety of products Peter started selling. √ (Any 7)

Analysing, difficult (Scenario, Focus, page 40–41; Successful, page 42)

TOTAL: 200