Please paste the barcoded label here	TOTAL MARKS

NATIONAL SENIOR CERTIFICATE EXAMINATION
MAY 2022

MATHEMATICAL LITERACY: PAPER I

EXAMINATION NUMBER													

Time: 3 hours 150 marks

PLEASE READ THE FOLLOWING INSTRUCTIONS AND INFORMATION CAREFULLY

1. This question paper consists of:
   - 24 pages.
   - 5 questions.
2. Please check that your question paper is complete.
3. Answer ALL FIVE questions.
4. Answer ALL the questions in the spaces provided on the question paper and hand it in at the end of the examination session.
5. A non-graphical, non-programmable calculator may be used.
6. ALL necessary calculations must be clearly shown.
7. Units of measurement must be included where applicable.
8. It is in your own interest to write legibly and to present your work neatly.
9. Diagrams are not necessarily drawn to scale.
10. TWO blank pages (pages 23 and 24) are included at the end of the question 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. You may also use these pages for extra calculations or rough work.

Question	1		2		3		4		5		Total	
	Marker	Mod.	Marker	Mod.	Marker	Mod.	Marker	Mod.	Marker	Mod.	Marker	Mod.
Mark												
Signature												
Total	35		29		30		28		28		150	

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QUESTION 1

1.1 Michael is a keen photographer who wants to start his own photographic business. He looks at purchasing the following camera.

Get it on Credit
Deposit: R850
R306 pm × 42
Interest rate @ 17,5% p.a.

Cash Price
R8499 per kit



[Source: <https://eezipage.com/reader/?code=f2rqeepley>]

Use this information to answer the questions that follow.

1.1.1 Write down the cash price for this camera.

(2)

1.1.2 State the monthly instalment amount if purchased on credit.

(2)

1.1.3 State, in years, the credit period for the advertised camera.

(2)

1.1.4 Calculate the total cost of this camera if purchased on hire-purchase.

(2)

1.1.5 Identify the type of interest applied when purchasing on hire-purchase.

(2)

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1.2 Michael receives $650 as a gift from his uncle for his birthday. This amounts to R8 989,50 when converted to South African rand. He will use this money to purchase the camera. His uncle deposits the money into Michael's Discovery Bank account.

The table below shows the transaction fees for Discovery Bank.

Transaction fees	
Cash withdrawal at a local ATM	R4,50 + 1,5% of withdrawal amount
Currency conversion fee on the amount exchanged	2,75%

[Adapted from: <https://www.discovery.co.za/bank/discovery-transaction-fees-one-monthly-fee>]

Use this information to answer the questions that follow.

1.2.1 Explain the meaning of the words 'transaction fees' in this context.

(2)

1.2.2 Calculate, in US dollars, the currency conversion fee for $650.

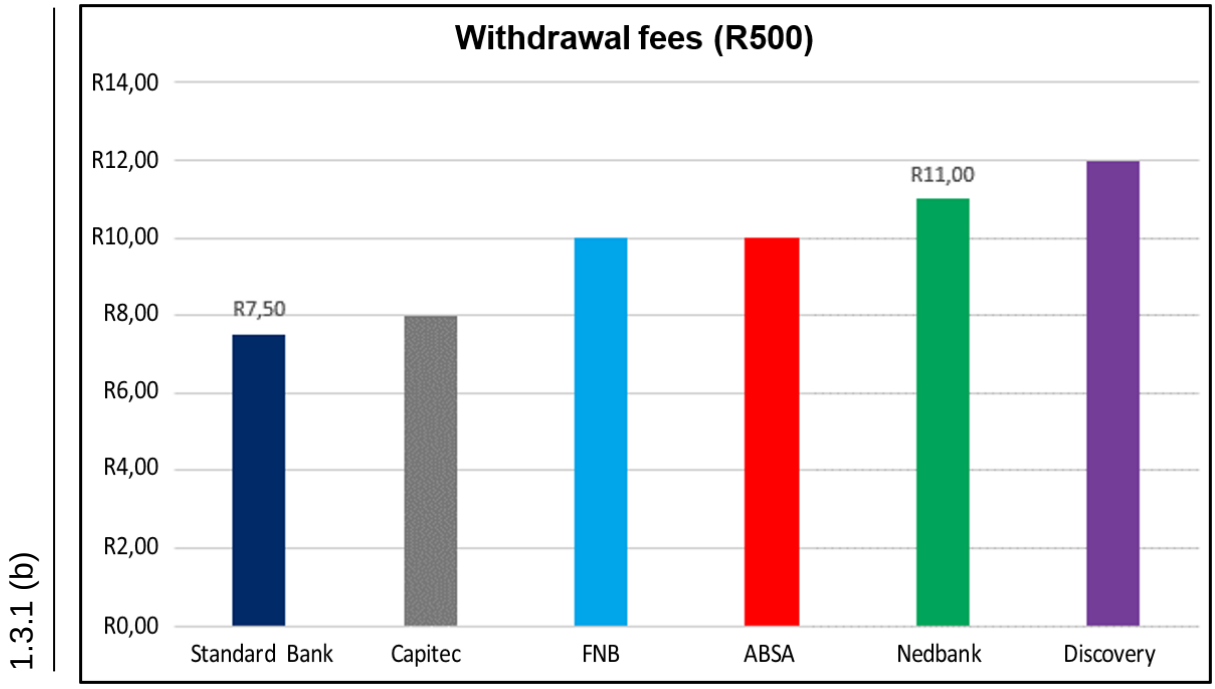
(2)

1.2.3 Calculate, in rands, the cash withdrawal fee if Michael withdraws R8 500 from his account.

(3)

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1.3 Michael feels that his transaction fees are too high. He finds the following graph that compares the fees for withdrawing R500 from various banks in South Africa.



[Source: <https://businesstech.co.za/news/wp-content/uploads/2020/12/2021-Withdrawal-fee>]

1.3.1 On the graph, fill in suitable labels for the horizontal (a) and vertical (b) axes.

(2)

Use the graph above to answer the questions that follow.

1.3.2 State how much it would cost to withdraw R500 from Nedbank.

_____

(2)

1.3.3 Give the name of the bank that charges the highest withdrawal fee and write down the charges for withdrawing R500.

_____

(2)

1.3.4 Give the name of the bank that charges the lowest withdrawal fee and write down the charges for withdrawing R500.

_____

(2)

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1.3.5 Write down the median fee of all the banks, for withdrawing R500.

_____

(2)

1.3.6 State the modal fee of all the banks, for withdrawing R500.

_____

(2)

1.4 Michael would like to test his new camera outdoors. He uses the weather forecast below for the period, 28 May to 4 June 2021, to help him choose the ideal day.

Fri 28	**17°**/13°	Light Rain	73%
Sat 29	**17°**/10°	AM Showers	59%
Sun 30	**19°**/11°	Mostly Sunny	19%
Mon 31	**15°**/11°	Rain/Thunder	86%
Tue 01	**16°**/11°	AM Showers	47%
Wed 02	**17°**/10°	Partly Cloudy	23%
Thu 03	**20°**/11°	Sunny	6%
Fri 04	**21°**/10°	Mostly Sunny	4%

Use the information above to answer the questions that follow.

1.4.1 (a) State the probability of rain on Thursday 3 June.

_____

(2)

(b) Tick the box that best describes the probability of rain on Friday 4 June.

☐ Even chance

☐ Unlikely

☐ Highly unlikely

(2)

1.4.2 State which day (include date and month) had the highest percentage chance of rain.

_____

(2)

[35]

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QUESTION 2

2.1 The table below lists the ten wealthiest Africans in 2021 (in US dollars). At the top of the list is Aliko Dangote, owner of the largest conglomerate in West Africa. He has a net worth of R220 billion.

Name	Age	Country	Net Worth
Nassef Sawiris	59	Egypt	$5,6 billion
Aziz Akhannouch	59	Morocco	$3,5 billion
Abdulsamad Rabiu	60	Nigeria	$3,1 billion
 Aliko Dangote	63	Nigeria	$13,5 billion
Naguib Sawiris	66	Egypt	$5,34 billion
Mike Adenuga	67	Nigeria	$7,7 billion
Johann Rupert	70	South Africa	$6,64 billion
Mohamed Mansour	72	Egypt	$3,3 billion
Nicky Oppenheimer	75	South Africa	$6,53 billion
Issad Rebrab	76	Algeria	$7,5 billion

[Adapted from: <https://www.businessinsider.co.za/the-15-richest-people-in-africa-ranked>]

Use the information above to answer the questions that follow.

2.1.1 Write the dollar value of Naguib Sawiris's net worth in words.

_____

_____

_____

(2)

2.1.2 Write R220 billion in full, as a number, without the word billion.

_____

_____

(2)

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2.1.3 Rearrange the list in descending order of net worth.

Name	Age	Country	Net Worth

(2)

2.1.4 Using Mr Dangote's net worth, calculate the rand-to-dollar exchange rate, rounded to four decimal places.

Write your exchange rate in the form R1 : $ _____

(4)

2.1.5 Calculate Aliko Dangote's net worth as a percentage of the total net worth of the ten wealthiest Africans.

(3)

2.1.6 Calculate the range of the ten wealthiest Africans' ages.

(2)

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2.1.7 Determine, in decimal form, the probability of one of the ten wealthiest Africans coming from Nigeria.

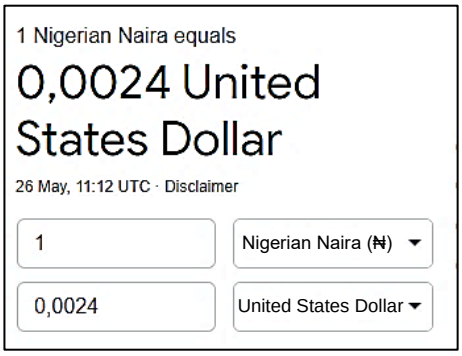
(3)

2.2 Aliko Dangote is the chairman and founder of the Dangote Group, the parent company of the largest cement producer in Africa – Dangote Cement. He owns several luxury cars, including a Bugatti Veyron valued at $2,2 million.



[Source: <https://naijauto.com/market-news/the-pricey-car-collection-of-billionaire-aliko-dangote-392>]

The table below shows the conversion rate for the Nigerian naira (₦) to the US dollar.



[Source: <https://www.google.com/search?q=dollar+vs+naira>]

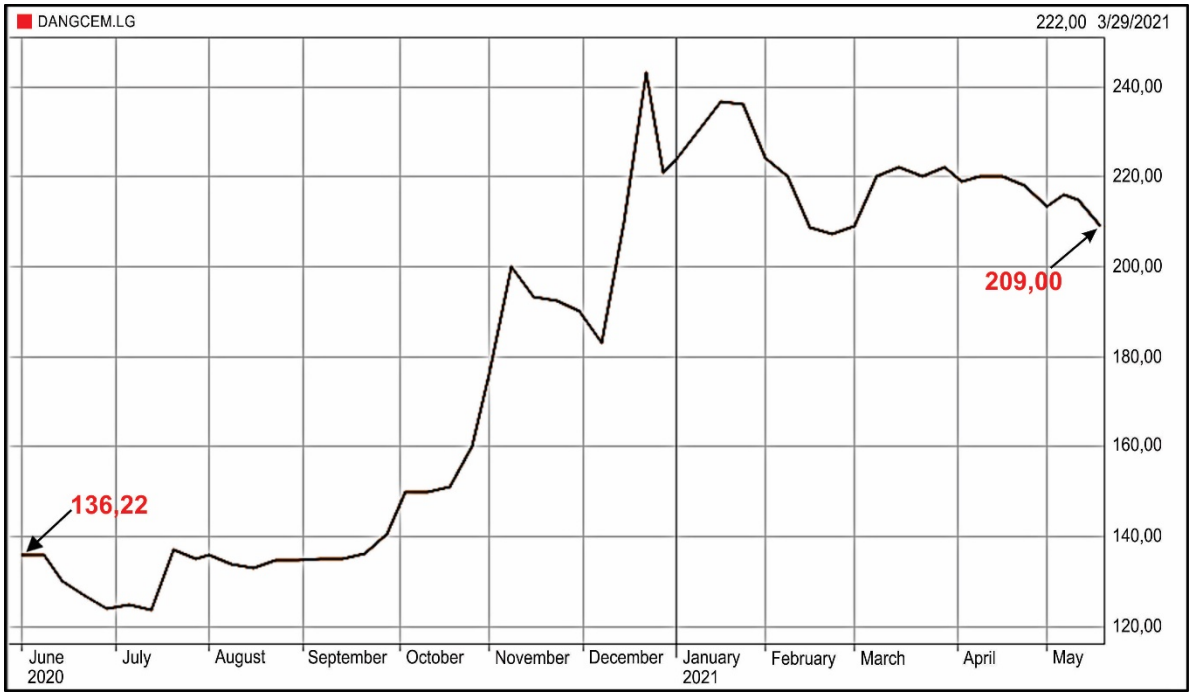
Use the information above to answer the questions that follow.

2.2.1 According to GoCompare.com, he earns ₦14,5 million per day. Use the exchange rate to calculate how many full days it would take him to earn enough money to pay for his Bugatti Veyron.

(5)

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2.2.2 The line graph below shows Dangote Cement's share price over 12 months.



[Source: <https://www.reuters.com/companies/DANGCEM.LG>]

Use the graph above to answer the questions that follow.

(a) Calculate the percentage increase in the share price from June 2020 to May 2021.

$$\text{Percentage increase} = \frac{\text{Latest price} - \text{Original price}}{\text{Original price}} \times 100\%$$

(4)

(b) State which single month showed the largest consistent increase in the share price within the month.

Give a possible reason from the graph to support your answer.

(2)
[29]

QUESTION 3

3.1 South Africa is one of the most prominent wine-producing countries in the Southern Hemisphere. The South African wine industry continues to experience global year-on-year growth and wine is now the country's second-largest agricultural export product, contributing 4,3% or $13 billion to South Africa's (SA) GDP in 2020.

***Gross domestic product** (**GDP**) is the standard measure of the value created through the production of goods and services in a country during a certain period.*

The table below shows SA's total GDP (in billion US dollars) for the period 2011 to 2019.

Year	SA's GDP in billion US dollars
2011	416,88
2012	396,33
2013	366,82
2014	350,9
2015	317,58
2016	296,27
2017	349,43
2018	368,14
2019	351,35
2020	**---**

[Adapted from: <https://www.wosa.co.za/>]

Use the information above to answer the questions that follow.

3.1.1 Calculate South Africa's total GDP for 2020 in US dollars.

(3)

3.1.2 State whether the data in the table is an example of discrete or continuous data. Give a reason for your answer.

(2)

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3.1.3 Calculate SA's mean GDP value for the period 2011 to 2019.

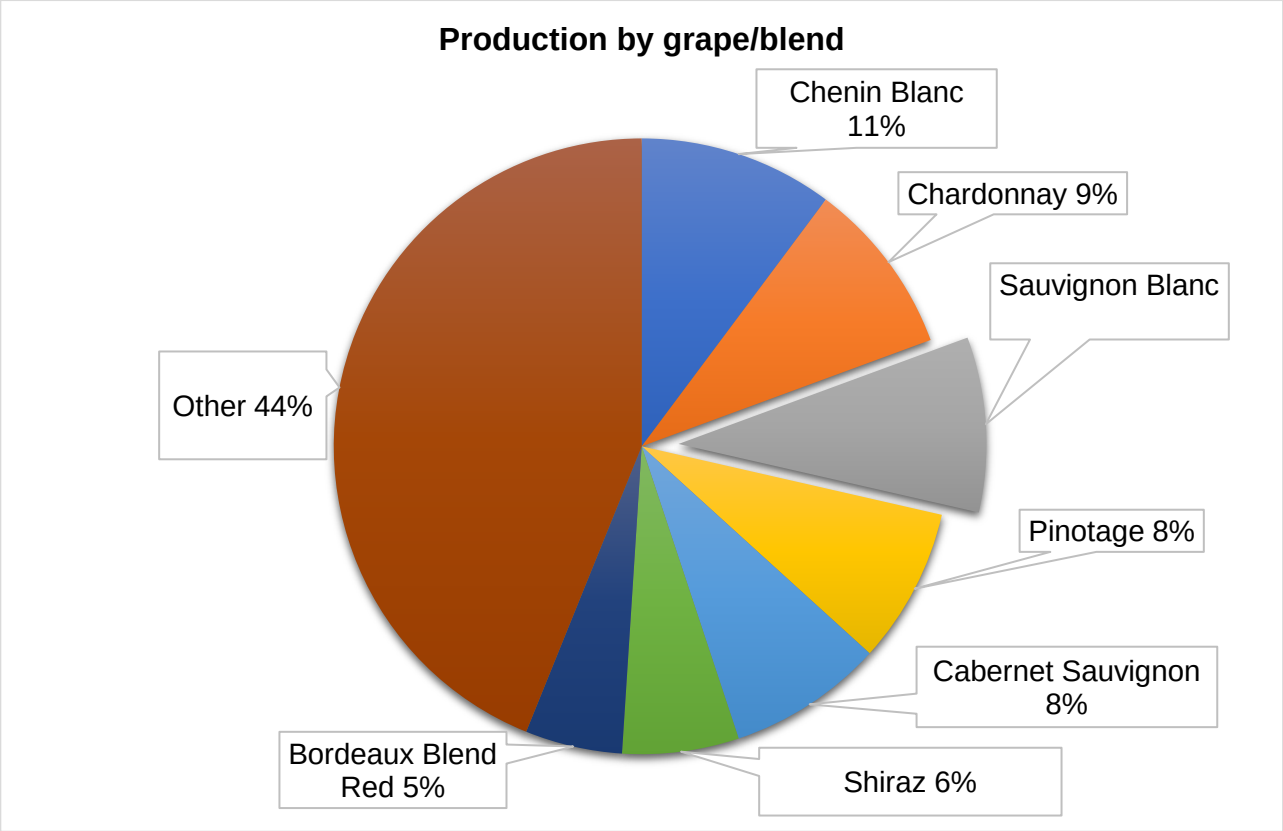
(5)

3.1.4 Use the table to describe the trend in SA's GDP for the period 2011 to 2019.

(3)

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3.2 The graph below shows the distribution of South African wine types and blends.



[Source: <https://www.wine-searcher.com/regions-south+africa?tab_F=mostpopular#winesortlist>]

Use the graph above to answer the questions that follow.

3.2.1 Name the type of graph drawn.

_____

(2)

3.2.2 Calculate the percentage for Sauvignon Blanc.

_____

_____

_____

(3)

3.2.3 Calculate the size of the angle for the 'other' sector.

_____

_____

_____

(3)

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3.3 Philip is a wine farmer in the Western Cape. He had a good harvest and wine sales. He invests some of his profit, R550 000, into a 3-year fixed-deposit account at Discovery Bank. The table below shows the interest rate offered by four banks for investments.

Bank	Interest rate
Discovery Bank	8,35% p.a.
First National Bank	8,00% p.a.
Capitec Bank	7,99% p.a.
Nedbank	7,51% p.a.

[Adapted from: <https://www.rateweb.co.za/money-advise/best-fixed-deposit-rates-in-south-africa>]

Use the information above to answer the questions that follow.

3.3.1 Give ONE financial reason why Philip chose Discovery Bank to invest his money.

(2)

3.3.2 Complete the table for the 3-year fixed-deposit account at Discovery Bank. The interest is compounded annually.

Year	Opening Balance	Interest (in rands)	Closing Balance
2021	R550 000		
2022			

(5)

3.3.3 Inflation in South Africa is currently at 4,4% p.a. Philip needs to purchase new farming equipment, valued at R560 000, in 2021. If the inflation rate remains unchanged for the next three years, will he have enough money from his fixed deposit to purchase this equipment at the end of 2023? Explain your answer without performing any calculations.



[Source: <http://wieta.org.za/who-are-we/>]

(2)
[30]

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QUESTION 4

4.1 Mount Kilimanjaro in Tanzania is not only the tallest peak in Africa, but also the tallest free-standing mountain. The summit, named Uhuru Point, is 5 895 metres above sea level. Rebecca is planning a trip to Tanzania and has drawn up the following budget.



Income (Savings)	**4.1.2**
Expenses (*Prices include 15% VAT)	
*Plane tickets and airport taxes	R6 910
*Visa for Tanzania	R600
*Travel and medical insurance	R431
*Guided 11-day Kilimanjaro tour (includes all accommodation, meals, and equipment)	R31 900
Spending money	R5 000
VAT paid	**4.1.3**
Total cost of trip	**4.1.1**
Surplus	R5 159

[Adapted from: <outhafricaadventures.com/trekking-adventures/kilimanjaro-trekking>]

Use the information above to answer the questions that follow.

4.1.1 Calculate the total cost of Rebecca's trip to Tanzania.

(2)

4.1.2 Calculate Rebecca's income (savings) amount.

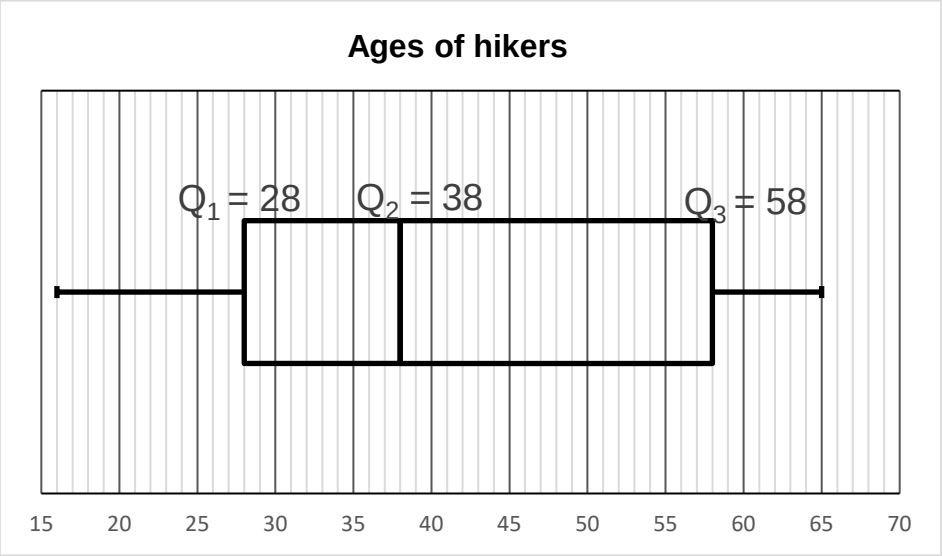
(2)

4.1.3 Calculate the total amount of VAT paid.

(4)

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4.2 The following box-and-whisker plot represents the spread of the ages of the members in the group on the 11-day tour of Mount Kilimanjaro.



Use the box-and-whisker plot above to answer the questions that follow.

4.2.1 Write down the minimum and maximum ages for this group of hikers.

(2)

4.2.2 Calculate the inter-quartile range for this data.

(2)

4.2.3 State what percentage of the group lies below the upper quartile.

(2)

4.2.4 What can you conclude about the age makeup of this group? Refer to the completed box-and-whisker plot in your answer.

(2)

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4.3 Rebecca plans to leave her car at O.R. Tambo International Airport for 11 days.

She found the following long-stay parking tariffs on their website.

O.R. Tambo International Airport			
Parking area	**Number of days***	**Total tariff**	**Tariff increment**
Long Stay A	3 max	R390	NA
Long Stay B	4 max	R248	NA
Long Stay C	5	R310	R62 per additional day

[Adapted from: <https://johannesburg-airport.co.za/long-stay-parking>]

*Any part of a day is charged as a full day.

Use the information above to answer the questions that follow.

4.3.1 Calculate the total cost of parking a car at Long Stay C parking at O.R. Tambo International Airport for 11 days.

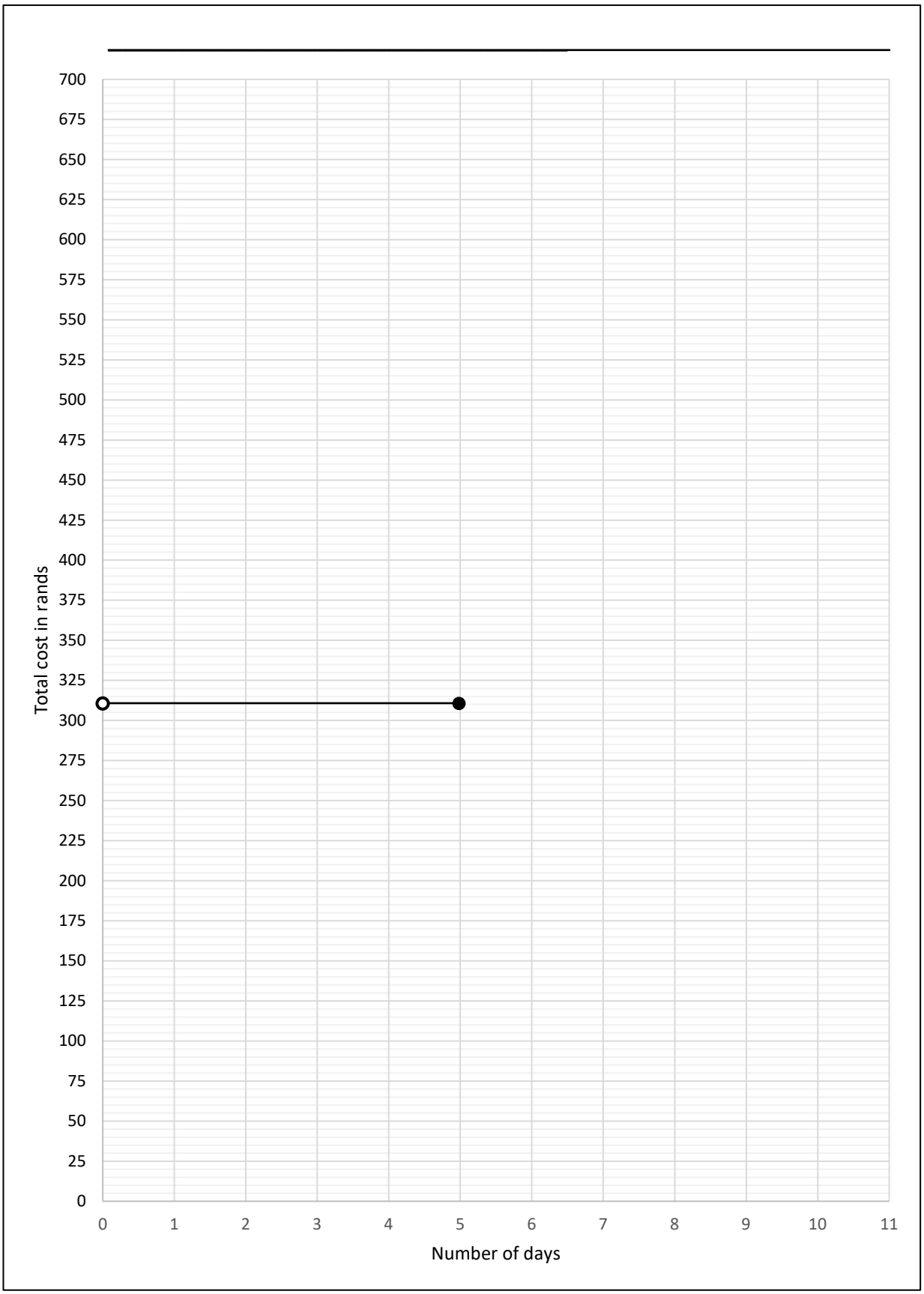
(3)

4.3.2 (a) Compare, with calculations, the rate per day for parking a car for three, four and five days at Long Stay A, Long Stay B and Long Stay C respectively.

(4)

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(b) Draw a stepped graph showing the total cost of parking a car at Long Stay C parking for 5 to 11 consecutive days. One of the steps has been drawn for you; complete the rest.



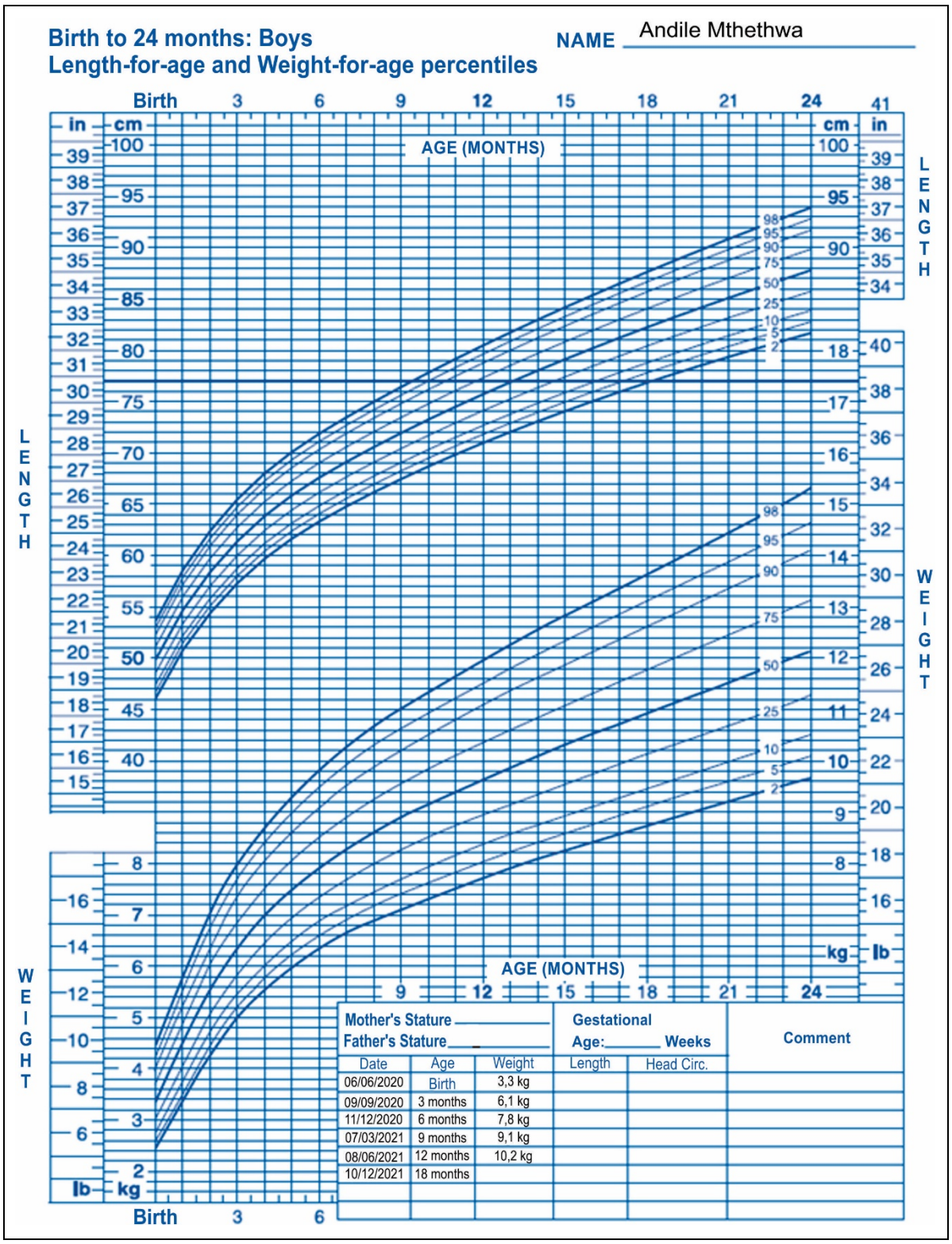
(5)
[28]

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QUESTION 5

5.1 Siyabonga and Lerato are a young couple who have a son, aged 18 months. Babies need to have regular check-ups. Siyabonga and Lerato take their son, Andile, to the local clinic.

The nurse measures Andile's weight as 11,4 kg.



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Use the information on page 18 to answer the questions that follow.

5.1.1 Use Andile's given weight to detemine his percentile position on his 18-month checkup.

(2)

5.1.2 (a) Use the values from their previous visits shown in the table alongside and your answer to **Question 5.1.1** to plot a graph showing Andile's growth from birth to 18 months on the growth chart on the previous page.

Age	**Weight**
Birth	3,3 kg
3 months	6,1 kg
6 months	7,8 kg
9 months	9,1 kg
12 months	10,2 kg
18 months	**5.1.1**

(3)

(b) According to the values given in the table and where they fall on the growth chart, what conclusion can be made regarding Andile's development?

(3)

5.1.3 (a) If a baby boy lies on the 30th percentile due to his weight and age, what does this measurement mean? What advice would a doctor give to the parents of a child on the 30th percentile?

(2)

(b) Why is it important for parents to be aware of their babies' development?

(2)

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5.2 Siyabonga and Lerato are busy planning Andile's 2nd birthday party. They have three possible venue options. The graph below shows the cost of hiring each venue.



Use the graph above to answer the questions that follow.

5.2.1 State the fixed cost for hiring The Kids Shack.

(2)

5.2.2 When will The Kids Shack be the cheapest option?

(3)

5.2.3 Explain why the Party Hut option is a horizontal line.

(2)

5.2.4 Determine the equation for the Jump-4-Joy venue. Write the equation in the form *Cost* =, and use the variable *n* to represent the number of guests.

(3)

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5.3 Lerato needs to calculate her annual income tax. Lerato earns a taxable salary of R38 800 per month. She is 29 years old. SARS uses tax tables to calculate the amount of tax that employees have to pay.

MONTHLY DEDUCTION TABLES

Remuneration			Annual Equivalent	Tax				Remuneration			Annual Equivalent	Tax			
				Under 65	65–74	Over 75						Under 65	65–74	Over 75	
R 35 529	-	R 35 579	R 426 648	R 7 063	R 6 379	R 6 151	#	R 38 079	-	R 38 129	R 457 248	R 7 904	R 7 220	R 6 992	
R 35 580	-	R 35 630	R 427 260	R 7 078	R 6 395	R 6 167	#	R 38 130	-	R 38 180	R 457 860	R 7 922	R 7 239	R 7 011	
R 35 631	-	R 35 681	R 427 872	R 7 094	R 6 411	R 6 183		R 38 181	-	R 38 231	R 458 472	R 7 940	R 7 257	R 7 029	
R 35 682	-	R 35 732	R 428 484	R 7 110	R 6 427	R 6 199		R 38 232	-	R 38 282	R 459 084	R 7 959	R 7 276	R 7 048	
R 35 733	-	R 35 783	R 429 096	R 7 126	R 6 443	R 6 215		R 38 283	-	R 38 333	R 459 696	R 7 977	R 7 294	R 7 066	
R 35 784	-	R 35 834	R 429 708	R 7 142	R 6 458	R 6 230		R 38 334	-	R 38 384	R 460 308	R 7 995	R 7 312	R 7 084	
R 35 835	-	R 35 885	R 430 320	R 7 157	R 6 474	R 6 246		R 38 385	-	R 38 435	R 460 920	R 8 014	R 7 331	R 7 103	
R 35 886	-	R 35 936	R 430 932	R 7 173	R 6 490	R 6 262		R 38 436	-	R 38 486	R 461 532	R 8 032	R 7 349	R 7 121	
R 35 937	-	R 35 987	R 431 544	R 7 189	R 6 506	R 6 278		R 38 487	-	R 38 537	R 462 144	R 8 051	R 7 367	R 7 139	
R 35 988	-	R 36 038	R 432 156	R 7 205	R 6 522	R 6 294		R 38 538	-	R 38 588	R 462 756	R 8 069	R 7 386	R 7 158	
R 36 039	-	R 36 089	R 432 768	R 7 221	R 6 537	R 6 309		R 38 589	-	R 38 639	R 463 368	R 8 087	R 7 404	R 7 176	
R 36 090	-	R 36 140	R 433 380	R 7 236	R 6 553	R 6 325		R 38 640	-	R 38 690	R 463 980	R 8 106	R 7 422	R 7 194	
R 36 141	-	R 36 191	R 433 992	R 7 252	R 6 569	R 6 341		R 38 691	-	R 38 741	R 464 592	R 8 124	R 7 441	R 7 213	
R 36 192	-	R 36 242	R 434 604	R 7 268	R 6 585	R 6 357		R 38 742	-	R 38 792	R 465 204	R 8 142	R 7 459	R 7 231	
R 36 243	-	R 36 293	R 435 216	R 7 284	R 6 601	R 6 373		R 38 793	-	R 38 843	R 465 816	R 8 161	R 7 477	R 7 249	
R 36 294	-	R 36 344	R 435 828	R 7 300	R 6 616	R 6 388		R 38 844	-	R 38 894	R 466 428	R 8 179	R 7 496	R 7 268	
R 36 345	-	R 36 395	R 436 440	R 7 316	R 6 632	R 6 404		R 38 895	-	R 38 945	R 467 040	R 8 197	R 7 514	R 7 286	
R 36 396	-	R 36 446	R 437 052	R 7 331	R 6 648	R 6 420		R 38 946	-	R 38 996	R 467 652	R 8 216	R 7 533	R 7 305	
R 36 447	-	R 36 497	R 437 664	R 7 347	R 6 664	R 6 436		R 38 997	-	R 39 047	R 468 264	R 8 234	R 7 551	R 7 323	
R 36 498	-	R 36 548	R 438 276	R 7 363	R 6 680	R 6 452		R 39 048	-	R 39 098	R 468 876	R 8 253	R 7 569	R 7 341	
R 36 549	-	R 36 599	R 438 888	R 7 379	R 6 696	R 6 468		R 39 099	-	R 39 149	R 469 488	R 8 271	R 7 588	R 7 360	
R 36 600	-	R 36 650	R 439 500	R 7 395	R 6 711	R 6 483		R 39 150	-	R 39 200	R 470 100	R 8 289	R 7 606	R 7 378	
R 36 651	-	R 36 701	R 440 112	R 7 410	R 6 727	R 6 499		R 39 201	-	R 39 251	R 470 712	R 8 308	R 7 624	R 7 396	
R 36 702	-	R 36 752	R 440 724	R 7 426	R 6 743	R 6 515		R 39 252	-	R 39 302	R 471 324	R 8 326	R 7 643	R 7 415	
R 36 753	-	R 36 803	R 441 336	R 7 442	R 6 759	R 6 531		R 39 303	-	R 39 353	R 471 936	R 8 344	R 7 661	R 7 433	
R 36 804	-	R 36 854	R 441 948	R 7 458	R 6 775	R 6 547		R 39 354	-	R 39 404	R 472 548	R 8 363	R 7 679	R 7 451	
R 36 855	-	R 36 905	R 442 560	R 7 474	R 6 790	R 6 562		R 39 405	-	R 39 455	R 473 160	R 8 381	R 7 698	R 7 470	
R 36 906	-	R 36 956	R 443 172	R 7 489	R 6 806	R 6 578		R 39 456	-	R 39 506	R 473 772	R 8 399	R 7 716	R 7 488	
R 36 957	-	R 37 007	R 443 784	R 7 505	R 6 822	R 6 594		R 39 507	-	R 39 557	R 474 384	R 8 418	R 7 735	R 7 507	
R 37 008	-	R 37 058	R 444 396	R 7 521	R 6 838	R 6 610		R 39 558	-	R 39 608	R 474 996	R 8 436	R 7 753	R 7 525	
R 37 059	-	R 37 109	R 445 008	R 7 537	R 6 854	R 6 626		R 39 609	-	R 39 659	R 475 608	R 8 454	R 7 771	R 7 543	
R 37 110	-	R 37 160	R 445 620	R 7 555	R 6 872	R 6 644		R 39 660	-	R 39 710	R 476 220	R 8 473	R 7 790	R 7 562	
R 37 161	-	R 37 211	R 446 232	R 7 573	R 6 890	R 6 662		R 39 711	-	R 39 761	R 476 832	R 8 491	R 7 808	R 7 580	
R 37 212	-	R 37 262	R 446 844	R 7 592	R 6 908	R 6 680		R 39 762	-	R 39 812	R 477 444	R 8 510	R 7 826	R 7 598	
R 37 263	-	R 37 313	R 447 456	R 7 610	R 6 927	R 6 699		R 39 813	-	R 39 863	R 478 056	R 8 528	R 7 845	R 7 617	
R 37 314	-	R 37 364	R 448 068	R 7 628	R 6 945	R 6 717		R 39 864	-	R 39 914	R 478 668	R 8 546	R 7 863	R 7 635	
R 37 365	-	R 37 415	R 448 680	R 7 647	R 6 963	R 6 735		R 39 915	-	R 39 965	R 479 280	R 8 565	R 7 881	R 7 653	
R 37 416	-	R 37 466	R 449 292	R 7 665	R 6 982	R 6 754		R 39 966	-	R 40 016	R 479 892	R 8 583	R 7 900	R 7 672	
R 37 467	-	R 37 517	R 449 904	R 7 683	R 7 000	R 6 772		R 40 017	-	R 40 067	R 480 504	R 8 601	R 7 918	R 7 690	
R 37 518	-	R 37 568	R 450 516	R 7 702	R 7 018	R 6 790		R 40 068	-	R 40 118	R 481 116	R 8 620	R 7 936	R 7 708	
R 37 569	-	R 37 619	R 451 128	R 7 720	R 7 037	R 6 809		R 40 119	-	R 40 169	R 481 728	R 8 638	R 7 955	R 7 727	
R 37 620	-	R 37 670	R 451 740	R 7 738	R 7 055	R 6 827		R 40 170	-	R 40 220	R 482 340	R 8 656	R 7 973	R 7 745	
R 37 671	-	R 37 721	R 452 352	R 7 757	R 7 074	R 6 846		R 40 221	-	R 40 271	R 482 952	R 8 675	R 7 992	R 7 764	
R 37 722	-	R 37 772	R 452 964	R 7 775	R 7 092	R 6 864		R 40 272	-	R 40 322	R 483 564	R 8 693	R 8 010	R 7 782	
R 37 773	-	R 37 823	R 453 576	R 7 794	R 7 110	R 6 882		R 40 323	-	R 40 373	R 484 176	R 8 712	R 8 028	R 7 800	
R 37 824	-	R 37 874	R 454 188	R 7 812	R 7 129	R 6 901		R 40 374	-	R 40 424	R 484 788	R 8 730	R 8 047	R 7 819	
R 37 875	-	R 37 925	R 454 800	R 7 830	R 7 147	R 6 919		R 40 425	-	R 40 475	R 485 400	R 8 748	R 8 065	R 7 837	
R 37 926	-	R 37 976	R 455 412	R 7 849	R 7 165	R 6 937		R 40 476	-	R 40 526	R 486 012	R 8 767	R 8 083	R 7 855	
R 37 977	-	R 38 027	R 456 024	R 7 867	R 7 184	R 6 956		R 40 527	-	R 40 577	R 486 624	R 8 785	R 8 102	R 7 874	
R 38 028	-	R 38 078	R 456 636	R 7 885	R 7 202	R 6 974		R 40 578	-	R 40 628	R 487 236	R 8 803	R 8 120	R 7 892	

[Source: <https://www.sars.gov.za/tax-rates/employers/tax-deduction-tables>]

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Use the table on page 21 to answer the questions that follow.

5.3.1 Calculate Lerato's annual income tax.

(3)

5.3.2 Lerato is eligible for a medical aid tax credit. Use the table below to calculate her total credit for the year. She is the main member of her medical aid. Her husband and son are her dependants.

Medical aid member	Amount
Adult	R332 per month
Adult dependant	R332 per month
Additional dependant	R224 per month

(3)
[28]

Total: 150 marks

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ADDITIONAL SPACE TO ANSWER QUESTIONS OR DO ROUGH WORK. REMEMBER TO CLEARLY INDICATE AT THE QUESTION THAT YOU USED THE ADDITIONAL SPACE TO ENSURE ALL ANSWERS ARE MARKED.

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