

## GRADE 12 MATHEMATICAL LITERACY MARCH TEST

### QUESTION 1

Jane calculated her total tax paid for the previous year. It came down to the following:

|                            |           |
|----------------------------|-----------|
| P.A.Y.E (Income Tax)       | R54215,00 |
| Estimated VAT on groceries | R 5454,20 |

1.1 What is a PAYE? (2)

1.2 What is a PAYE deduction? (2)

She further determined that she received tax rebates to the value of R5432,80.

1.3 What is a tax rebate? (2)

1.4 What is a tax rebate? (2)

1.5 What is a tax rebate? (2)

[10]

### QUESTION 2

Use the tariff system below to answer the questions that follow:

| Electricity residential | Tariff for 2023/24 | Increase |
|-------------------------|--------------------|----------|
|                         | ck/Wh              |          |
| 1 to 100 kWh            | 241,37             | 15,1%    |
| 101 to 400 kWh          | 282,47             | 15,1%    |
| 401 to 600 kWh          | 307,75             | 15,1%    |
| 600 kWh and more        | 331,76             | 15,1%    |

2.1 What is a tariff system? (2)

2.2 Determine the cost (in rands) of a consumer who uses 100 kWh of electricity. (2)

2.3 The consumer who uses 100 kWh of electricity has a 15,1% increase. (2)

2.4 How much more will the consumer pay for 100 kWh? (2)

[8]

2.5 Suggest ONE way in which the Schmidt family can save on their electricity bill. (2)

[2]

### QUESTION 3

3.1 Tony needs to buy a laptop for school. He is looking at the following options:

| Option 1       | Option 2                                               | Option 3                                               |
|----------------|--------------------------------------------------------|--------------------------------------------------------|
| Cash: R5000,00 | Hire Purchase: R354pm for 24 months with R2000 deposit | Hire Purchase: R202pm for 36 months with R2500 deposit |

3.1.1 What is a cash purchase? (2)

3.1.2 What is a hire purchase? (2)

3.1.3 What is a deposit? (2)

3.2 In order to make money to fund his laptop, Tony decides to give swimming lessons in his neighbours' pool. His neighbour charges him R500 per month for using his pool. His other variable expenses add up to around R750 per month. Tony breaks even if he has seven swimming lessons per month.

3.2.1 What is a break-even analysis? (2)

3.2.2 Present the given information on a break-even analysis graph. (7)

3.3 Tony buys food and a coldrink at the school tuck shop. His options are:

|                  |       |
|------------------|-------|
| Burger           | Coke  |
| Toasted Sandwich | Fanta |
| Hotdog           |       |

3.3.1 What is a coldrink? (2)

3.3.2 What is a coldrink? (2)

3.3.3 What is a coldrink? (2)

[8]

# March 2014 Grade 1maths Lit Question Paper

## Memorandum

**F Rizvi**



**March 2014 Grade 1maths Lit Question Paper Memorandum:**

## **March 2014 Grade 1maths Lit Question Paper Memorandum** Book Review: Unveiling the Magic of Language

In a digital era where connections and knowledge reign supreme, the enchanting power of language has are more apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**March 2014 Grade 1maths Lit Question Paper Memorandum**," compiled by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we will delve into the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

<https://staging.conocer.cide.edu/data/browse/default.aspx/Fundamentals%20Of%20Pediatric%20Orthopedics.pdf>

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