



**GRADE 9 MATHEMATICS
NOVEMBER EXAMINATION PAPER 1**

QUESTION 1

Choose and write the correct letter on your answer sheet.

1.1 The constant value in the expression $2x^2 + 3x + 2$ is (3)

- A 3
- B 2
- C 1
- D 0

1.2 How many terms are in the expression $2x^2 + 3x + 2$? (3)

- A 1
- B 2
- C 3
- D 4

1.3 Determine the following two terms in the sequence: (3)

- A 48; 56
- B 48; 57
- C 49; 56
- D 49; 57

1.4 Prime numbers that lie between 8 and 22: (3)

- A 11, 13, 17, 19
- B 11, 17, 19, 23
- C 11, 13, 17, 19, 23
- D 11, 13, 17, 19, 23, 29

1.5 $\sqrt{324}$ is (3)

- A 37
- B 74
- C 18
- D 36

1.6 If $x = 2$, the value of $3x^2 + 4x$ would be: (3)

- A 16
- B 20
- C 28
- D 32

6 x 1 = 6

QUESTION 2: WHOLE NUMBERS & INTEGERS

2.1 Write 345:15 in it's simplest form. (2)

2.2 If 10 masons can build a house in 200 days, how many masons, working at the same rate, will be needed to build the house in 4 days? (3)

2.3 John drove 620km in 5 and a half hours. Calculate his average speed in km/h. (3)

2.4 Write the number 2000 as a product of its prime factors. Write the prime factors in exponential form. (4)

2.5 Calculate the following:

2.5.1 $2^3 \times 3^2 \times 5$ (3)

2.5.2 $2^3 \times 3^2 \times 5^2 \times 7$ (3)

[14]

QUESTION 3: EXPONENTS

3.1 $5^2 \times \sqrt{5} + 5^2$ (2)

3.2 $5^2 \times 5^3$ (2)

3.3 $5^2 \times 5^3$ (3)

3.4 $5^2 \times 5^3 \times 5^4$ (3)

[10]

Grade 9 November 20memorandum Mathematics

Lingjun Ying



Grade 9 November 20memorandum Mathematics:

Whispering the Techniques of Language: An Emotional Journey through **Grade 9 November 20memorandum Mathematics**

In a digitally-driven world wherever monitors reign great and immediate interaction drowns out the subtleties of language, the profound techniques and psychological nuances hidden within phrases often go unheard. Yet, situated within the pages of **Grade 9 November 20memorandum Mathematics** a charming literary treasure pulsating with raw emotions, lies an exceptional journey waiting to be undertaken. Penned by a skilled wordsmith, that enchanting opus encourages viewers on an introspective journey, gently unraveling the veiled truths and profound affect resonating within the very material of each and every word. Within the emotional depths with this touching evaluation, we will embark upon a sincere exploration of the book is key subjects, dissect their captivating publishing design, and succumb to the effective resonance it evokes deep within the recesses of readers hearts.

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