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LIMPOPO

PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF
EDUCATION

VHEMBE WEST DISTRICT

Liberty through knowledge

GRADE 9

MATHEMATICS

2024

FORTNIGHT TEST 1

MARKS: 30

INSTRUCTIONS:

1. Answer all questions.
2. Show all your calculations where possible
3. Follow the number system used in this Question paper.
4. Write neatly and legibly.

Question	Question Items	Marks												
1	Simplify													
1.1	$1\frac{1}{8} \times 2 \times 8$	(2)												
1.2	$345\,692 \times 0$	(1)												
1.3	$175 + 18 \times 2$	(2)												
2	Given the following numbers [7 ; $\sqrt{5}$; $\sqrt{36}$; π ; $\frac{1}{2}$]													
2.1	List rational numbers	(3)												
2.2	List irrational numbers	(2)												
3	Write True or False													
3.1	Natural numbers start at 0 and increase up to infinity	(1)												
3.2	Irrational numbers cannot be written as a fraction or terminating or recurring decimals	(1)												
4.1	List all factors of 27	(2)												
4.2	Write multiples of 4 between 10 and 22	(3)												
4.3	Find the HCF and LCM of 24 and 60	(4)												
5.	Simplify the following ratios													
5.1.	25 : 75	(1)												
5.2.	7 : 14 : 35	(2)												
5.3	Musa and Joana share R7 500 in the ratio 2 : 3 . Calculate how much Joana get.	(2)												
6	It takes 96 hours for three grape Pickers to clear a vineyard . Use this information to complete the table below	(4)												
	<table><tr><td>Pickers</td><td>3</td><td>6</td><td>12</td><td>18</td><td>24</td></tr><tr><td>Hours</td><td></td><td></td><td></td><td></td><td></td></tr></table>	Pickers	3	6	12	18	24	Hours						
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Hours														
	TOTAL 30 MARKS													