



EXAMINATIONS COUNCIL OF ESWATINI
Eswatini Primary Certificate

CONFIDENTIAL
November 2019

MARK SCHEME

MATHS PAPER 1

MAXIMUM MARK

[100]

This document consists of 7 printed pages.

SECTION A

QUESTION	ANSWER	MARKS
1	B	[2]
2	C	[2]
3	C	[2]
4	A	[2]
5	B	[2]
6	D	[2]
7	C	[2]
8	B	[2]
9	C	[2]
10	B	[2]
11	C	[2]
12	C	[2]
13	D	[2]
14	B	[2]
15	D	[2]
16	C	[2]
17	B	[2]
18	C	[2]
19	B	[2]
20	A	[2]
Total		40

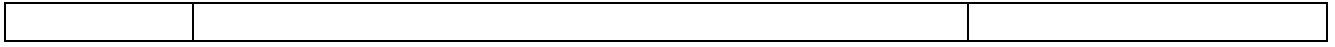
SECTION B

Question	Answer	Marks									
21	(a) (i) 7 decades	1									
	(ii) 60 hours	1									
	(b) 68 790	1									
	(c)										
	<table border="1"> <thead> <tr> <th>Fraction</th> <th>Decimal</th> <th>Percentage</th> </tr> </thead> <tbody> <tr> <td>$\frac{4}{10}$</td> <td>0.4</td> <td><u>40%</u></td> </tr> <tr> <td>$\frac{75}{100}$</td> <td><u>0.75</u></td> <td>75%</td> </tr> </tbody> </table>	Fraction	Decimal	Percentage	$\frac{4}{10}$	0.4	<u>40%</u>	$\frac{75}{100}$	<u>0.75</u>	75%	1
	Fraction	Decimal	Percentage								
	$\frac{4}{10}$	0.4	<u>40%</u>								
$\frac{75}{100}$	<u>0.75</u>	75%									
(d) (i) C is a pentagon	1										
(ii) B is a trapezium	1										
	[7]										

22	<p>(a) $\begin{array}{r} 7.40 \\ -0.83 \\ \hline 6.57 \end{array}$</p> <p>(b) $\begin{aligned} 4\frac{4}{11} + 2\frac{2}{11} \\ = (4+2)\frac{4}{11} + \frac{2}{11} \\ = 6\frac{6}{11} \end{aligned}$</p> <p>(c) $1.35 \div 1000 = 0.00135$</p> <p>(d) $\begin{array}{r} 56 \\ \times 23 \\ \hline 158 \text{ M1} \\ +1120 \text{ M1} \\ \hline 1278 \text{ A1} \end{array}$</p>	<p>1 1</p> <p>1 1</p> <p>2</p> <p>2 1</p> <p>[9]</p>
23	<p>(a) (i) Spriting</p> <p>(ii) Javelin</p> <p>(iii) 14 leaners</p> <p>(b) (i) Ruth, Peter and Alice</p> <p>(ii) $\begin{aligned} \frac{20}{100} \times 360^\circ \\ = 72^\circ \end{aligned}$</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>2</p> <p>1</p> <p>[8]</p>

24	<p>(a) (i) Acute angle</p> <p>(ii) Obtuse angle</p> <p>(iii) Reflex angle</p> <p>(b) $q = 180^\circ - (90^\circ + 35^\circ)$ $= 180^\circ - 125^\circ$ $= \underline{55^\circ}$</p>	<p>1</p> <p>1</p> <p>1</p> <p>2</p> <p>1</p> <p>[6]</p>
25	<p>(a) 60.00 $- \underline{6.70}$ $\underline{53.30} \text{ l}$</p> <p>(b) 2000 g $- \underline{200 \text{ g}}$ $\underline{1800 \text{ g}}$</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>[5]</p>
26	<p>(a) $\frac{16}{100} \times E20\ 000$ $= E3200$</p> <p>(b)</p> <p>150.00 $- \underline{13.95}$ $\underline{E136.05}$</p>	<p>2</p> <p>1</p> <p>1</p> <p>1</p> <p>[5]</p>

<p>27</p>	<p>(a) 9 pages = 27 minutes</p> $1 \text{ page} = \frac{27}{9}$ $= 3 \text{ minutes}$ <p>(b) 1 hour 21 min = 60 min + 21min = 81 minutes</p> <p>27 minutes = 9 pages 27 minutes = 9 pages + <u>27 minutes</u> = + <u>9 pages</u> 81 minutes 27 pages</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>[5]</p>
<p>28</p>	<p>(a) 28 cm^2</p> <p>(b) $3 \times (2 \times 5 \text{ cm})$ <u>$= 30 \text{ cm}^2$</u></p>	<p>2</p> <p>2</p> <p>1</p> <p>[5]</p>
<p>29</p>	<p>(a) $E1440 \div (7 \text{ days} + 5 \text{ days})$ $E1440 \div 12 = E120 \text{ per day}$</p> <p>Siphiwe: 120×7</p> $= \underline{E840}$ <p>(b) $4 \times 5 = 20$ $3 \times 3 = 9$</p> <p>3 three legged tables 5 four legged tables</p>	<p>1</p> <p>1</p> <p>1</p> <p>2</p> <p>1</p> <p>1</p> <p>[7]</p>



30

