



EXAMINATIONS COUNCIL OF ESWATINI
Eswatini Primary Certificate

CANDIDATE
NAME

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CENTRE
NUMBER

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CANDIDATE
NUMBER

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MATHEMATICS

212/01

Paper 1

November 2022

1 hour 30 minutes

Additional materials: Geometrical instruments
Tracing paper (optional)

READ THESE INSTRUCTIONS FIRST

Write your centre number, candidate number and name in the spaces provided.

Write in dark blue or black pen in the spaces provided on the Question Paper.

You may use an HB pencil for any diagrams and graphs.

Do **not** use staples, tables, paper clips, highlighters, glue or correction fluid.

Answer **all** questions.

Electronic calculators should **not** be used.

This paper is in two sections:

SECTION A: [40 Marks]: Show your answers on the Answer Grid provided. Read the instructions on how to use the Answer Grid.

SECTION B: [60 Marks]: Write all answers in the answer spaces provided.

The number of marks is given in brackets [] at the end of each question or part question.

All working should be clearly shown below each question.

The total of the marks for this paper is 100.

For Examiner's Use	
Section A	
Section B	
21	
22	
23	
24	
25	
26	
27	
28	
29	
Total	

SECTION A [40 Marks]

For each question, four possible answers are given. Mark the correct answer with a cross (X) on the answer grid provided on page 9.

EXAMPLE:

40 Work out $20 + 3$

A 17 **B** 23 **C** 60 **D** 203

Answer:

	A	B	C	D
40		X		

1 The mass of a truck is 3 tonnes.

Which is the correct mass of the truck in kilograms?

- A** 300 kg
B 3 000 kg
C 30 000 kg
D 300 000 kg

2 The time is quarter to seven in the evening.

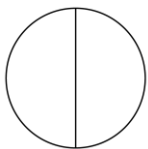
What is the time on a 24-hour clock?

- A** 0745 hours
B 0645 hours
C 1945 hours
D 1845 hours

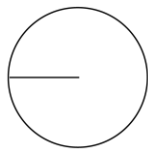
3 What is the best instrument that can be used to measure the distance around a school?

- A** ruler
B metre ruler
C tape measure
D trundle wheel

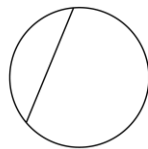
- 4 Thabile has 1 litre bottle of sanitiser.
She uses 650 ml to sanitise her house.
How much sanitiser is left in the bottle?
- A 150 ml
B 350 ml
C 750 ml
D 850 ml
- 5 A child's skipping rope is 200 cm long.
How many skipping ropes can be cut from a 1 000 cm long rope?
- A 4
B 5
C 10
D 20
- 6 What is the appropriate standard unit of measuring sugar when baking a loaf of bread?
- A a cup
B grams
C kilograms
D a tablespoon
- 7 Choose the figure that shows a diameter.



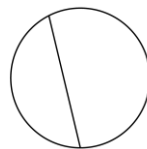
A



B



C



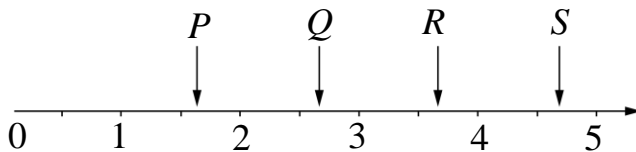
D

- 8 Two angles of a triangle measure 65° and 85° .

What is the size of the third angle?

- A 20°
- B 30°
- C 150°
- D 210°

- 9 Which arrow shows the position of $\frac{11}{3}$ on the number line below.



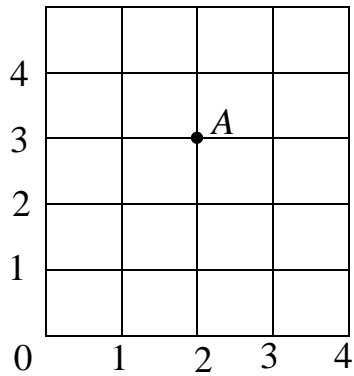
- A *P*
- B *Q*
- C *R*
- D *S*

- 10 A table has a length of 2 m and a width of 1 m.

What is the area of the table in cm^2 ?

- A 600 cm^2
- B $2\,000 \text{ cm}^2$
- C $3\,000 \text{ cm}^2$
- D $20\,000 \text{ cm}^2$

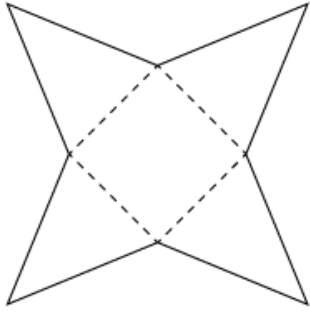
11 The diagram below shows point A.



What are the coordinates of point A?

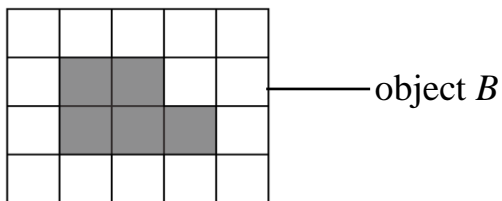
- A (2, 3)
 - B (3, 3)
 - C (3, 2)
 - D (2, 2)
- 12 What is the name of a number that has only two factors?
- A odd number
 - B prime number
 - C even number
 - D whole number
- 13 Brandon has E700.00 in a savings account that earns 5% simple interest per year. How much interest will he earn in one year?
- A E35.00
 - B E70.00
 - C E140.00
 - D E3 500.00

14 Which solid shape would the net below make?

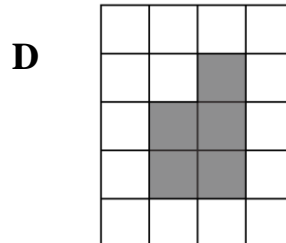
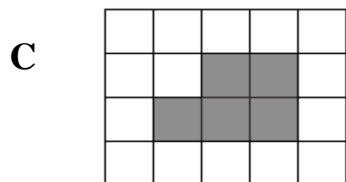
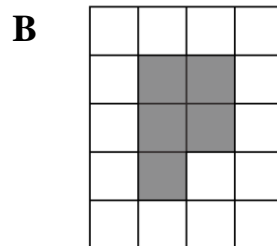
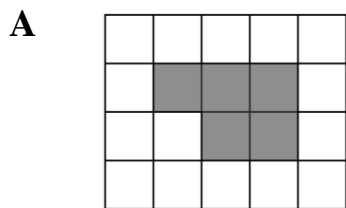


- A cone
- B cube
- C prism
- D pyramid

15 The figure below shows an object *B* before it is rotated.



Which image shows a clockwise quarter turn rotation of object *B*?



- 16** A school has 3 328 books.
They buy 981 more books.

How many books does the school have now?

- A** 4 309
B 3 209
C 4 209
D 42 109
- 17** Two numbers have a sum of 15 and a product of 36.
Choose the two numbers.
- A** 12 and 3
B 6 and 6
C 4 and 9
D 3 and 18
- 18** What is the place value of 9 in 3.798?
- A** Tens
B Hundreds
C tenths
D hundredths
- 19** Which of the following is equivalent to $\frac{7}{9}$?
- A** $\frac{14}{27}$
B $\frac{21}{18}$
C $\frac{28}{36}$
D $\frac{35}{90}$

20 Vuyo has four E20 notes, two E10 notes and seven E5 coins in his pocket.

How much money does Vuyo have in total?

- A** E35.00
- B** E95.00
- C** E140.00
- D** E135.00

SECTION A MULTIPLE CHOICE ANSWER GRID*For
Examiner's
Use*

Question number	A	B	C	D
1				
2				
3				
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6				
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9				
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17				
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20				

SECTION B [60 Marks]

Answer **all** questions.

21 Work out the following:

(a) $0.6 - 0.32$

Answer (a) [2]

(b) $4703 \div 1000$

Answer (b) [1]

(c) $120 \times \frac{2}{3}$

Answer (c) [2]

(d) Find the number of years in two centuries and three decades.

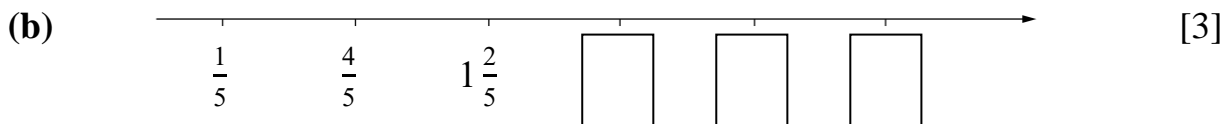
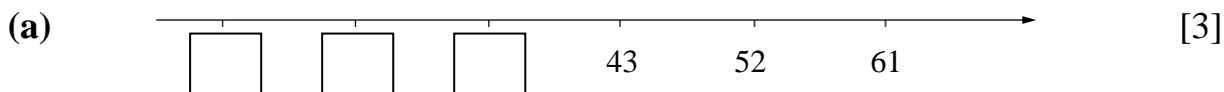
Answer (d) years [2]

(e) Write **567 306** in words

Answer (e)

 [2]

22 Complete the following number lines:



23 The table below shows the cost of sending letters and parcels in Eswatini.

Mass of mail	Cost
Up to 20 g	E1.35
21 g to 50 g	E1.70
51 g to 100 g	E2.05
101 g to 250 g	E3.65
251 g to 500 g	E6.90

Find the cost of sending a:

(a) 15 g letter

Answer (a) E..... [1]

(b) 428 g parcel and 34 g letter

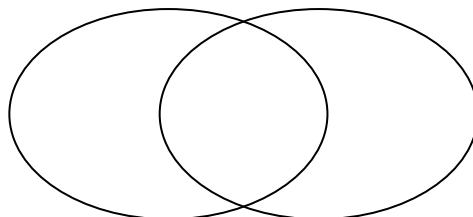
Answer (b) E..... [3]

24 (a) Below is a set of numbers.

4 8 12 16 32 40 48

Write each number in its correct place on the set diagram.

Factors of 48 Multiples of 8



[3]

(b) Given the numbers below

13 562

13 479

12 499

13 657

State

(i) the greatest number,

Answer (b)(i) [1]

(ii) the number that gives 13 000 when rounded off to the nearest 1000.

Answer (b)(ii) [1]

25 (a) Mrs Mdluli bought a blanket for E150.00.

She sold it making a profit of E75.00.

Calculate the selling price of the blanket.

Answer (a) E..... [2]

(b) Sammy finds a pile of 24 identical books on a table.

He takes 75% of the books.

Find the number of books remaining on the table.

Answer (b) [3]

(c) Use the symbols $>$, $<$ or $=$ to make the following statement correct.

0.6 $\frac{2}{3}$

[1]

26 The table below shows the ticket prices for entering a stadium.

	Monday to Friday	Saturday and Sunday
Adult	E18.50	E21.00
Child	E12.50	E14.00

A family of 2 adults and 1 child is planning to go to the stadium.

Calculate the cost of going on:

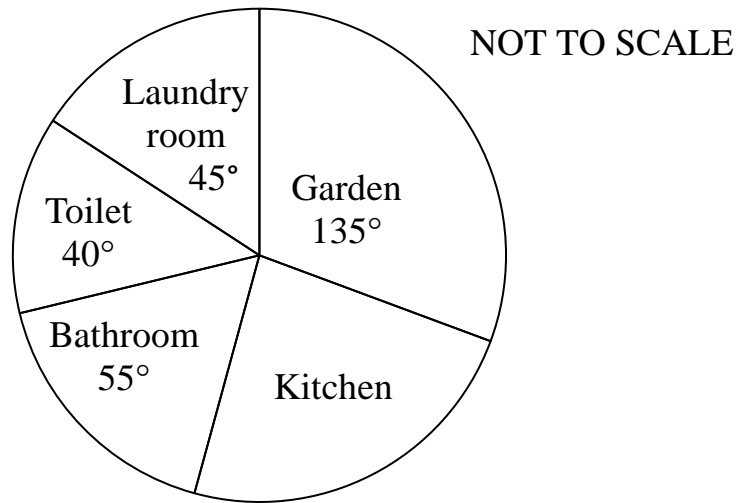
(a) Tuesday,

Answer (a) E..... [3]

(b) Saturday.

Answer (b) E..... [3]

- 27 The pie chart below shows the amount of water used for different activities in a particular household.



- (a) Calculate the sector angle for water used in the kitchen.

Answer (a)° [3]

- (b) State the activity that used the least amount of water.

Answer (b) [1]

- (c) The total amount of water used in the household is $1\,400\text{ cm}^3$.
Find the amount of water used for watering.

Answer (c) cm^3 [2]

- 28 (a)** State the name of the answer that comes from subtracting two numbers.

Answer (a) [1]

- (b)** Find the number of weeks in 3 months.

Answer (b) weeks [2]

- (c)** Write the number below in numerals.

Thirteen thousand two hundred and four

Answer (c) [1]

- (d)** The diameter of a circle is 11 cm.

Calculate the circumference of the circle.

Answer (d) cm [2]

- (e)** Five lollipops cost the same as three chocolate bars.

One chocolate bar costs 85 cents.

Calculate the cost of one lollipop.

Answer (e) cents [3]

- (f)** Success Primary School starts at 8.15 am and ends at 1.30 pm.

Calculate the time pupils spend at the school.

Answer (f) hours Min [2]

29 (a) State the name of a closed shape with eight straight sides.

Answer (a) [1]

(b) For the set of numbers below

7 4 5 4 3 9 12

Find

(i) The mode

Answer (b)(i) [1]

(ii) The median

Answer (b)(ii) [2]

(c) **P** and **Q** are different prime numbers less than 20.

R is a multiple of 11 less than 30.

Given that

$$\mathbf{P} \times \mathbf{Q} = \mathbf{R}$$

Find the values of **P**, **Q** and **R**.

Answer (c) **P** = [1]

Q = [1]

R = [1]