Paper Reference ANM10/1B
Pearson
Edexcel Award

Total Marks

Number and Measure
Level 1
Section B
(Non–Calculator)

Tuesday 7 January 2020 – Morning

Time: 30 minutes plus your additional time allowance.

In the boxes below, write your name, centre number and candidate number.

Surname						
Other names						
Centre Number						
Candidate Number						

V63047A

Pearson

YOU MUST HAVE

Ruler, protractor, writing and drawing equipment.

YOU WILL BE GIVEN

Diagram Book

INSTRUCTIONS

Answer ALL questions.

Answer the questions in the spaces provided in this Question Paper or on the separate diagrams – there may be more space than you need.

CALCULATORS MUST NOT BE USED.

INFORMATION

The total mark for this section is 30

The total mark for this paper is 80

The marks for EACH question are shown in brackets – use this as a guide as to how much time to spend on each question.

There may be spare copies of some diagrams.

ADVICE

Read each question carefully before you start to answer it.

Keep an eye on the time.

Try to answer every question.

Check your answers if you have time at the end.

Section B

Answer ALL questions.

Write your answers in the spaces provided.

You must write down all the stages in your working.

You must NOT use a calculator for this section.

1. (a) Work out

9×8

(1 mark)

(b) Work out

$62\,000 \div 100$

(1 mark)

(continued on the next page)

1. continued.

(c) Write the number **704** in words.

(1 mark)

(Total for Question 1 is 3 marks)

2. Martin buys 8 mugs for £3·85 each.

Which of these amounts gives a sensible estimate for the total cost of the 8 mugs?

A £0·50

B £3·20

C £4·00

D £32

E £320

(Total for Question 2 is 1 mark)

3. (a) Write down a METRIC unit that can be used to give the amount of milk in a carton.

(1 mark)

(b) Write down an IMPERIAL unit that can be used to give the height of a box.

(1 mark)

(Total for Question 3 is 2 marks)

4. (a) Write these five numbers in order of size.

Start with the smallest number.

0·73 0·7 0·67 0·6 0·09

(1 mark)

_____

_____

(continued on the next page)

4. continued.

(b) Write these five percentages in order of size.

Start with the smallest percentage.

72% 17% 26% 8% 79%

(1 mark)

(continued on the next page)

4. continued.

(c) Write these five amounts of money in order of size.

Start with the smallest amount.

£3·37 78 pence 632 pence

£5·97 463 pence

(1 mark)

(Total for Question 4 is 3 marks)

5. (a) Look at the diagram for Question 5(a) in the Diagram Book.

It shows a line **AB**

Measure the length of the line **AB**

Give your answer in centimetres.

(1 mark)

_____ cm

(continued on the next page)

5. continued.

(b) Look at the diagram for Question 5(b) in the Diagram Book.

It shows a line with a point X

Draw an angle of 130° at point X

(1 mark)

(Total for Question 5 is 2 marks)

6. (a) Work out

$$1435 + 257 + 42$$

(2 marks)

(continued on the next page)

6. continued.

(b) Work out

$$783 \times 6$$

(2 marks)

(continued on the next page)

6. continued.

(c) Work out

$$261 \div 3$$

(2 marks)

(continued on the next page)

6. continued.

(d) Work out

$$51 - 16 \cdot 7$$

(2 marks)

(Total for Question 6 is 8 marks)

7. Look at the diagram for Question 7(a) in the Diagram Book.

It shows a shape divided into equal sections.

(a) What fraction of the shape is shaded?

(1 mark)

(continued on the next page)

7. continued.

(b) Write

$$\frac{8}{20}$$

as a fraction in its simplest form.

(1 mark)

(continued on the next page)

7. continued.

(c) Write 31% as a fraction.

(1 mark)

(continued on the next page)

7. continued.

(d) Work out

$$\frac{8}{11} - \frac{3}{11}$$

(1 mark)

(continued on the next page)

7. continued.

(e) Here are five fractions.

$$\frac{7}{12} \qquad \frac{15}{18} \qquad \frac{1}{2} \qquad \frac{5}{6} \qquad \frac{2}{9}$$

(i) Which of these fractions is the smallest?

(1 mark)

(continued on the next page)

7. (e) continued.

Remember:

Here are five fractions.

$$\frac{7}{12} \qquad \frac{15}{18} \qquad \frac{1}{2} \qquad \frac{5}{6} \qquad \frac{2}{9}$$

(ii) Write down the two equivalent fractions.

(1 mark)

_____ and _____

(Total for Question 7 is 6 marks)

8. Look at the diagram for Question 8 in the Diagram Book.

It shows a rectangle.

It is 7 cm long and 4 cm wide.

Work out the perimeter of the rectangle.

_____ cm

(Total for Question 8 is 2 marks)

9. Look at the diagram for Question 9 in the Diagram Book.

It shows a number line.

(a) Write these six numbers in order of size.

Start with the smallest number.

-4 3 -1 5 0 -3

(1 mark)

(continued on the next page)

9. continued.

Use the number line to work out

(b) $4 - 7$

(1 mark)

(continued on the next page)

9. continued.

Remember:

Use the number line to work out

(c) $5 - 8 + 7$

(1 mark)

(Total for Question 9 is 3 marks)

TOTAL FOR SECTION B IS 30 MARKS

TOTAL FOR PAPER IS 80 MARKS

END OF PAPER
