Pearson Edexcel Award

Paper Reference ANM20/2B

Number and Measure

Level 2

Section B (Non-Calculator)

Thursday 4 May 2017 – Morning

Time: 30 minutes
            plus your additional time allowance

You must have:

Ruler graduated in centimetres and millimetres, protractor, pen, HB pencil, eraser.

See the **Instructions**, **Information** and **Advice** on the next page.

Surname	
Other names	
Centre Number	
Candidate Number	

X48377A

Pearson

Instructions

- **Use BLACK ink or ball-point pen.**

- **FILL IN THE BOXES on the front page with your name, centre number and candidate number.**

- **Answer ALL questions.**

- **Answer the questions in the spaces provided – 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.**

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.**

(Turn over)

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   Write these numbers in order of size.

Start with the smallest number.

−5   7   −6   3   5   −1   −4

_____

(Total for Question 1 is 1 mark)
_____

2 **7 packets of crisps of the same type cost £4·55**

What is the cost of 20 of these packets of crisps?

£ _____

(Total for Question 2 is 3 marks)

3   On a Saturday morning the number of people at a Holiday Show was 360

In the afternoon the number of people at the Holiday Show was 270

Write as a ratio the number of people at the Holiday Show in the morning to the number of people at the Holiday Show in the afternoon.

Give your answer in its simplest form.

(Total for Question 3 is 2 marks)

4   **(a)**   **Work out $6 \cdot 7 + 26 \cdot 53 + 380 - 17 \cdot 94$**

(2 marks)

(Question continues on next page)

(b) **Work out 35·42 × 8**

(2 marks)

(Total for Question 4 is 4 marks)

5   **Write 160 as a percentage of 400**

_____ **%**

(Total for Question 5 is 2 marks)

6   Adam has worked out $\dfrac{69 \cdot 5 \times 42 \cdot 2}{0 \cdot 52}$ on his calculator.

His answer is 5640·1923

Using suitable approximations, check that his answer is sensible.

(Total for Question 6 is 3 marks)

7   (a)   Work out $\dfrac{3}{8} + \dfrac{1}{4}$

_____

(2 marks)

     (b)   Work out $\dfrac{3}{5} \times \dfrac{3}{7}$

_____

(1 mark)

(Total for Question 7 is 3 marks)

(Turn over)

8   **Divide 115 in the ratio 2 : 3**

_____

(Total for Question 8 is 2 marks)

9   **The total price of a SatNav is £150 plus 20% VAT.**

      Work out the total price of the SatNav.

£ _____

(Total for Question 9 is 3 marks)

(Turn over)

10 **(a)** **Which is larger,** $\dfrac{2}{3}$ **of 51** **or** $\dfrac{1}{4}$ **of 140?**

You must show all your working.

(3 marks)

(Question continues on next page)

(b) **Write 22 as a fraction of 45**

(1 mark)

(Total for Question 10 is 4 marks)

11   Work out $\quad 2\dfrac{3}{5} \ - \ 1\dfrac{1}{4}$

Give your answer as a mixed number in its simplest form.

_____

(Total for Question 11 is 3 marks)

TOTAL FOR SECTION B IS 30 MARKS
TOTAL FOR PAPER IS 80 MARKS