Candidate surname | Other names

Pearson Edexcel Award

Centre Number

Candidate Number

Thursday 2 May 2019

Morning (Time: 30 minutes) | Paper Reference **ANM20/2B**

Number and Measure
Level 2
Section B (Non-Calculator)

You must have: Ruler graduated in centimetres and millimetres, protractor, pen, HB pencil, eraser.

Total Marks

Instructions

- Use **black** ink or ball-point pen.
- **Fill in the boxes** at the top of this 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 ▶

Pearson

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.

$$-2 \qquad 6 \qquad -7 \qquad 1 \qquad -5 \qquad -4 \qquad 9$$

....

(Total for Question 1 is 1 mark)

2 Divide 147 in the ratio 3 : 4

....

(Total for Question 2 is 2 marks)

3 5 fans of the same type have a total weight of 35 kg.

   What is the total weight of 9 of these fans?

.... kg

(Total for Question 3 is 3 marks)

2

4 (a) Work out -5×-8

....
(1)

(b) Work out $-7 + -4$

....
(1)

(Total for Question 4 is 2 marks)

5 (a) Work out $4.7 + 180 + 26.52 - 21.45$

....
(2)

(b) Work out 14.35×9

....
(2)

(Total for Question 5 is 4 marks)

Turn over ▶

6 (a) Work out $\dfrac{1}{6} + \dfrac{5}{12}$

....

(2)

(b) Work out $\dfrac{3}{7} \times \dfrac{9}{10}$

....

(1)

(Total for Question 6 is 3 marks)

7 (a) Which is bigger, $\dfrac{1}{7}$ of 91 or $\dfrac{1}{8}$ of 96?

You must show all your working.

....

(3)

(b) Write 7 as a fraction of 25

....

(1)

(Total for Question 7 is 4 marks)

8 The total price of a mobile phone is £350 plus 20% VAT.
Work out the total price of the mobile phone.

£...

(Total for Question 8 is 3 marks)

9 Sally has worked out $\dfrac{41.6 \times 49.2}{0.52}$ on her calculator.

Her answer is 3936

Using suitable approximations, check that her answer is sensible.

(Total for Question 9 is 3 marks)

10 Write 520 as a percentage of 800

....%

(Total for Question 10 is 2 marks)

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

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

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