<table>
<tr><td>Question Number</td><td>Scheme</td><td>Marks</td></tr>
<tr><td>3.(a)</td><td>
<table>
<tr><td>N</td><td>A</td><td>B</td><td>C</td><td>D</td></tr>
<tr><td>4217</td><td>421.7</td><td>421</td><td>4210</td><td>7</td></tr>
<tr><td>421</td><td>42.1</td><td>42</td><td>420</td><td>1</td></tr>
<tr><td>42</td><td>4.2</td><td>4</td><td>40</td><td>2</td></tr>
<tr><td>4</td><td>0.4</td><td>0</td><td>0</td><td>4</td></tr>
<tr><td>0</td><td></td><td></td><td></td><td></td></tr>
</table>
Output values: 7, 1, 2, 4
</td><td>M1
A1
A1
A1
(4)</td></tr>
<tr><td>(b)</td><td>The first value is the units digit of N, the second value is the tens digit, the third is the hundreds digit, and so on</td><td>B2, 1, 0
(2)</td></tr>
<tr><td></td><td></td><td>6 marks</td></tr>
</table>

Notes for Question 3

a1M1: At least three rows of cells completed with a correct first row – condone repeated values in all columns or a single value in each row
a1A1: CAO – the values in the second and third row correct
a2A1: CAO – fourth row correct and a zero only in the fifth *N* row
a3A1: Correct outputs (7, 1, 2, 4) – dependent on the first **four** rows being correct – the output must either be stated on the given answer line or 'output 7, 1, 2, 4' must be clearly written somewhere near the table (do not bod column D being circled, etc.). Condone the output being stated as 7124

b1B1: Indication that the outputs are the digits of *N*
b2B1: Indication that the digits are in the reverse order

Examples of **B1 B1**:

- The output is *N* (**or** the original input **or** 4217) in reverse order
- The output is *N* backwards
- The output is (the digits of) *N* written right to left
- The first value is the unit digit of *N*, the second value is the tens digit, and so on

Examples for **B1 B0**:

- The output is each number of *N*
- The output is *N*
- Output values are the values that make up the original input

Examples for **B0 B0**:

- The output comes from/is derived from the original input
- The algorithm removes the last digit step by step
- The output values are the last digits of *N*
- The output is the last digit of *N*
- The output is *N* + contradictory statement (e.g. 'output is *N* or a number that is smaller than *N*')

Example for **B0 B1** (not common):

- The output is in reverse/right to left/backwards (so no mention of *N* **or** original input **or** 4217)