In these questions there are two figures on the left separated by an arrow. You have to decide how these two figures are related. There is a third figure which is separated by an arrow from five further figures on the right. You have to decide which of these five figures is related to the third figure in the same way as the first two figures are related to each other. Mark your choice on the answer sheet.

Example

Question 1

Question 2

Question 3

Question 4

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Section 2

In these questions there is a series of five squares on the left. The figures within these squares form a logical sequence but one of the squares has been left blank. You have to decide which of the five figures on the right should occupy the empty square. Mark your choice on the answer sheet.

Example

```
\begin{array}{cccc}
\begin{array}{cccc}
\triangle & \diamond & \pentagon & \heptagon \\
a & b & c & d \\
\end{array} & \begin{array}{cccc}
\square & \circ & \hexagon & \octagon \\
\end{array}
\end{array}
```

```
\begin{array}{cccc}
\begin{array}{cccc}
\times & \times & \times & \circ \\
\circ & \times & \circ & \times \\
\circ & \times & \times & \circ \\
\end{array} & \begin{array}{cccc}
\times & \times & \circ & \circ \\
\end{array}
\end{array}
```

```
\begin{array}{cccc}
\begin{array}{cccc}
\bullet & \bullet & \bullet & \bullet \\
\bullet & \bullet & \bullet & \bullet \\
\bullet & \bullet & \bullet & \bullet \\
\bullet & \bullet & \bullet & \bullet \\
\end{array} & \begin{array}{cccc}
\bullet & \bullet & \bullet & \bullet \\
\bullet & \bullet & \bullet & \bullet \\
\bullet & \bullet & \bullet & \bullet \\
\bullet & \bullet & \bullet & \bullet \\
\end{array}
\end{array}
```

```
\begin{array}{cccc}
\begin{array}{cccc}
\bullet & \bullet & \bullet & \bullet \\
\bullet & \bullet & \bullet & \bullet \\
\bullet & \bullet & \bullet & \bullet \\
\bullet & \bullet & \bullet & \bullet \\
\end{array} & \begin{array}{cccc}
\bullet & \bullet & \bullet & \bullet \\
\bullet & \bullet & \bullet & \bullet \\
\bullet & \bullet & \bullet & \bullet \\
\bullet & \bullet & \bullet & \bullet \\
\end{array}
\end{array}
```

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Section 3

In these questions the two figures on the left have something in common. You have to decide which one of the five shapes on the right ‘belongs with’ the two on the left. Mark your choice on the answer sheet.

Example

```
<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>b</td>
<td>c</td>
<td>d</td>
</tr>
</tbody>
</table>
```

1.

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>b</td>
<td>c</td>
<td>d</td>
</tr>
</tbody>
</table>

2.

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>b</td>
<td>c</td>
<td>d</td>
</tr>
</tbody>
</table>

3.

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>b</td>
<td>c</td>
<td>d</td>
</tr>
</tbody>
</table>

4.

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>a</td>
<td>b</td>
<td>c</td>
<td>d</td>
</tr>
</tbody>
</table>
Section 4

In these questions there are three or four figures on the left together with code letters which represent features of these figures. There is a further figure which does not have code letters associated with it. You have to decide which of the five possible codes on the right should represent this figure. Mark your choice on the answer sheet.

Example

1. CT
   GJ
   ZJ

2. PL
   HL
   KI
   TQ

3. OE
   LE
   LS

4. TRK
   SRD
   TBD
   TED

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Section 5

In these questions there is a grid on the left with 4 or 9 squares one of which has been left blank. Look at the figures on the right and decide which would best complete the pattern in the grid. Mark your choice on the answer sheet.

Example
Sample Non-Verbal Paper 1 Answer Sheet

NAME: ...........................

<table>
<thead>
<tr>
<th>Section 1</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eg</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A B C D E</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Section 2</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eg</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A B C D E</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Section 3</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eg</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A B C D E</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Section 4</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eg</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A B C D E</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Section 5</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eg</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>A B C D E</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

TOTAL SCORE:..................
Sample Non-Verbal Paper 1  Answers

1. (d) : rotate 90 clockwise
2. (c) : outer dictates how many of the inner so 4 identical squares
3. (a) : 90 clockwise then colour swap
4. (b) : blacks move down one ball

1. (d) : divide sign alternates & white moves anticlockwise
2. (e) : bold outline is followed by larger shape with dotted outline
3. (b) : blacks become large whites starting bottom left
4. (e) : new side appears, dashed then solid in later frames; black dot moves anticlockwise round centre

1. (e) : white circle touching one side of a pentagon
2. (c) : alternate white and black, white at left, black at right
3. (c) : vertical and horizontal lines of symmetry
4. (a) : 3 identical shapes on sides of diamond; different sizes, mid-size is transparent; any order

1. (a) : ZT - 1st is which is black; 2nd is direction
2. (e) : KQ - 1st is orientation; 2nd is stripe
3. (c) : OS - 1st is mid colour; 2nd is direction of middle (size not coded)
4. (c) : SBK - 1st is bottom row; 2nd is top row; 3rd is container outline

1. (c) : diagonally, outer border goes white, inner no change
2. (a) : shape from right diagonal, 1 of each type inner line type
3. (e) : left to right, rotate 180 - upper shading to new upper, lower to new lower
4. (b) : top row is the same as lower figures from middle row