## $\%^{\text {secondary }}$ Entrance

## Non-Verbal Reasoning - Sample Test

Time allowed for this paper : 60 minutes

## Instructions for Best Practice:

> Attempt all of the questions.
$>$ To select an answer, clearly circle the corresponding letter.
> Equipment recommended: $2 \times$ Pencil \& $1 \times$ Eraser.

## Non-Verbal Reasoning - Sample Test

## Question 1:

## Odd One Out

One of the tiles is different to the remaining four in some way.

Which of the five options is the odd one out?


## Question 2:

## Folding Nets

The cube to the right has been formed by folding up a template.

Which of the five options could be the net used?


Question 3:

## Odd One Out

One of the tiles is different to the remaining four in some way.

Which of the five options is the odd one out?


## Question 4:

## Transformations

In each case, the tile on the left is changed in some way to produce the tile on the right, as indicated by the arrows.

Which of the five options fills in the blank tile?


## Question 5:

Incomplete Array
The nine connected tiles all relate to each other to form a pattern or sequence, however one of the tiles has been removed.

Which of the five options completes the array?


## Non-Verbal Reasoning - Sample Test

Question 6:

## Incomplete Sequence

The five tiles to the right that are connected by arrows progress as a sequence in this direction, however one of the tiles has been removed.

Which of the five options is the missing tile?


## Question 7:

## Codes

For each tile to the left of the vertical line, there is a corresponding code that is related to its contents. This information can be used to decipher the coding system.

Which of the five options contains the missing code for the tile to the right of the vertical line?

| ${ }_{9}^{9} 0_{0}^{0}$ | $\begin{gathered} \hline \text { ○○ } \\ 0-0 \end{gathered}$ | --1 |
| :---: | :---: | :---: |
| B T | A S | A T |



Question 8:

## Rotations

The image in the tile to the right has been rotated to some extent.

Which of the five options is the rotated version of the original image?


## Question 9:

Incomplete Sequence
The five tiles to the right that are connected by arrows progress as a sequence in this direction, however one of the tiles has been removed.

Which of the five options is the missing tile?


## Question 10:

Incomplete Array
The nine connected tiles all relate to each other to form a pattern or sequence, however one of the tiles has been removed.

Which of the five options completes the array?


## Non-Verbal Reasoning - Sample Test

Question 11:

## Folding Nets

The cube to the right has been formed by folding up a template.

Which of the five options could be the net used?


## Question 12:

## Codes

For each tile to the left of the vertical line, there is a corresponding code that is related to its contents. This information can be used to decipher the coding system.

Which of the five options contains the missing code for the tile to the right of the vertical line?


Question 13:
Incomplete Sequence
The five tiles to the right that are connected by arrows progress as a sequence in this direction, however one of the tiles has been removed.

Which of the five options is the missing tile?


## Question 14:

## Homologues

The two tiles to the right are similar to each other in some way.

Which of the five options best fits in with these tiles?

## Question 15:

## Transformations

In each case, the tile on the left is changed in some way to produce the tile on the right, as indicated by the arrows.

Which of the five options fills in the blank tile?


## Non-Verbal Reasoning - Sample Test

## Question 16:

## Odd One Out

One of the tiles is different to the remaining four in some way.

Which of the five options is the odd one out?


## Question 17:

## Folding Nets

The cube to the right has been formed by folding up a template.

Which of the five options could be the net used?


Question 18:
Odd One Out
One of the tiles is different to the remaining four in some way.

Which of the five options is the odd one out?


Question 19:

## Homologues

The two tiles to the right are similar to each other in some way.

Which of the five options best fits in with these tiles?


## Question 20:

## Rotations

The image in the tile to the right has been rotated to some extent.

Which of the five options is the rotated version of the original image?

| A | B | C | D | E |
| :---: | :---: | :---: | :---: | :---: |
| ${ }_{\ominus}^{\ominus}$ | $\theta^{\circ}$ | 00 | ${ }^{(1)}$ | $\stackrel{\ominus}{\ominus}$ |

## Non-Verbal Reasoning - Sample Test

Question 21:

## Incomplete Array

The nine connected tiles all relate to each other to form a pattern or sequence, however one of the tiles has been removed.

Which of the five options completes the array?


Marks

## Question 22:

## Codes

For each tile to the left of the vertical line, there is a corresponding code that is related to its contents. This information can be used to decipher the coding system.

Which of the five options contains the missing code for the tile to the right of the vertical line?

Question 23:

Homologues
The two tiles to the right are similar to each other in some way.

Which of the five options best fits in with these tiles?

## Question 24:

## Rotations

The image in the tile to the right has been rotated to some extent.

Which of the five options is the rotated version of the original image?

## Question 25:

## Transformations

In each case, the tile on the left is changed in some way to produce the tile on the right, as indicated by the arrows.

Which of the five options fills in the blank tile?


