

## Answers to selection test question examples

### Example verbal reasoning items - answer explanations

**Question 1** The code for A is Z (the letter before it, going around the alphabet), the code for C is G (four letters ahead in the alphabet), the code for R is Q (the letter before), and the code for E is I (four letters ahead). When applied to HERB, the code is GIQF (option D).

**Question 2** The answer is option D, the letter 'k'. When 'k' is added to the end of 'coo' and 'mas' the words 'cook' and 'mask' are made. When 'k' is added to the beginning of 'ick' and 'ind', the words 'kick' and 'kind' are made.

**Question 3** Dermot lives on the first floor. Henry lives the same distance from Penelope as Yan-Ling. Penelope lives on the top floor: the fourth floor. So Henry could live on the third floor and Yan-Ling on the second floor. But Caroline lives on a higher floor

than Dermot, so she must live on the second floor or the third floor. To be equally distant from Yan-Ling and Penelope, Henry has to be on the second floor and Yan-Ling on the ground floor, therefore answer option A: Yan-Ling lives on the ground floor, is the only answer which must be true.

### Example non-verbal reasoning items - answer explanations

**Question 1** The two test shapes are made up of four lines extending from a dot with three additional identical shapes. The answer option that shares these characteristics is B.

**Question 2** In the example shapes, the outer shape (square) moves to become the top shape, and is smaller. It has same shading as the second inner shape from the inside. The inner shape (semi circle) moves to the bottom and is bigger and the little inside shape

(cross) changes position (from the bottom of the shape to the top). The middle shapes (two circles) stay in the middle but become smaller. The shading of the outside one of these remains the same. The inside shape takes the shading of the outside shape (the square). When these rules are applied to the test shape, the answer is A.

**Question 3** A Latin Square is a 3 x 3 matrix in which any variable has three versions. Each column and each row contains all three versions. Each row and column in this question includes a square, a pentagon with a flat base, and a pentagon with a flat top. Therefore, the missing shape is a pentagon with a flat base. Similarly, there are three types of shading – white black and grey, and the missing shape should be white. The dots do not follow a Latin Square pattern, but are in the same position in each column and have

the same shading in each row. Hence, the answer is D.

**Question 4** The code M/N/L represents the number of horizontal lines in the square, where M is no lines, N is 2 lines and L is 1 line. The code T/W represents the dot, where T is a dot on the left, and W is a dot on the right. The test shape has no horizontal lines (M) and the dot is on the right (W). Therefore, the code is M (at the top) and W (at the bottom), which is answer option A.

**Question 5** As the series progresses, the division of the triangle rotates from each corner in an anticlockwise direction. The shading alternates between the two halves of the triangle. The arrows in the middle rectangle in the bottom row alternate from right to left. The shaded one of four squares changes from top right to bottom right to bottom left then top left. Hence, the answer is E.