

**Questions 1–6**

Do the following statements agree with the information given in Reading Passage 1?

*In boxes 1–6 on your answer sheet, write*

<b>TRUE</b>	<i>if the statement agrees with the information</i>
<b>FALSE</b>	<i>if the statement contradicts the information</i>
<b>NOT GIVEN</b>	<i>if there is no information on this</i>

- 1 Ants use the same channels of communication as humans do.
- 2 City life is one factor that encourages the development of intelligence.
- 3 Ants can build large cities more quickly than humans do.
- 4 Some ants can find their way by making calculations based on distance and position.
- 5 In one experiment, foraging teams were able to use their sense of smell to find food.
- 6 The essay, 'In the company of ants', explores ant communication.

### Test 3

#### Questions 7–13

Complete the summary using the list of words, A–O, below.

Write the correct letter, A–O, in boxes 7–13 on your answer sheet.

#### Ants as farmers

Ants have sophisticated methods of farming, including herding livestock and growing crops, which are in many ways similar to those used in human agriculture. The ants cultivate a large number of different species of edible fungi which convert 7 ..... into a form which they can digest. They use their own natural 8 ..... as weed-killers and also use unwanted materials as 9 ..... . Genetic analysis shows they constantly upgrade these fungi by developing new species and by 10 ..... species with neighbouring ant colonies. In fact, the farming methods of ants could be said to be more advanced than human agribusiness, since they use 11 ..... methods, they do not affect the 12 ..... and do not waste 13 .....

<b>A</b>	aphids	<b>B</b>	agricultural	<b>C</b>	cellulose	<b>D</b>	exchanging
	energy	<b>F</b>	fertilizers	<b>G</b>	food	<b>H</b>	fungi
	growing	<b>J</b>	interbreeding	<b>K</b>	natural	<b>L</b>	other species
	secretions	<b>N</b>	sustainable	<b>O</b>	environment		