

PART 3 Questions 21–30**Questions 21–25**

Choose the correct letter, **A**, **B** or **C**.

Science experiment for Year 12 students

- 21 How does Clare feel about the students in her Year 12 science class?
- A** worried that they are not making progress
 - B** challenged by their poor behaviour in class
 - C** frustrated at their lack of interest in the subject
- 22 How does Jake react to Clare's suggestion about an experiment based on children's diet?
- A** He is concerned that the results might not be meaningful.
 - B** He feels some of the data might be difficult to obtain.
 - C** He suspects that the conclusions might be upsetting.
- 23 What problem do they agree may be involved in an experiment involving animals?
- A** Any results may not apply to humans.
 - B** It may be complicated to get permission.
 - C** Students may not be happy about animal experiments.
- 24 What question do they decide the experiment should address?
- A** Are mice capable of controlling their food intake?
 - B** Does an increase in sugar lead to health problems?
 - C** How much do supplements of different kinds affect health?
- 25 Clare might also consider doing another experiment involving
- A** other types of food supplement.
 - B** different genetic strains of mice.
 - C** varying amounts of exercise.

Test 3

Questions 26–30

Complete the flowchart below.

Choose **FIVE** answers from the box and write the correct letter, **A–H**, next to Questions 26–30.

- | | |
|----------|--------------|
| A | size |
| B | escape |
| C | age |
| D | water |
| E | cereal |
| F | calculations |
| G | changes |
| H | colour |

