

SECTION 3 Questions 21–30

Choose the correct letter, A, B or C.

Study on Gender in Physics

- 21** The students in Akira Miyake's study were all majoring in
- A** physics.
 - B** psychology or physics.
 - C** science, technology, engineering or mathematics.
- 22** The aim of Miyake's study was to investigate
- A** what kind of women choose to study physics.
 - B** a way of improving women's performance in physics.
 - C** whether fewer women than men study physics at college.
- 23** The female physics students were wrong to believe that
- A** the teachers marked them in an unfair way.
 - B** the male students expected them to do badly.
 - C** their test results were lower than the male students'.
- 24** Miyake's team asked the students to write about
- A** what they enjoyed about studying physics.
 - B** the successful experiences of other people.
 - C** something that was important to them personally.
- 25** What was the aim of the writing exercise done by the subjects?
- A** to reduce stress
 - B** to strengthen verbal ability
 - C** to encourage logical thinking
- 26** What surprised the researchers about the study?
- A** how few students managed to get A grades
 - B** the positive impact it had on physics results for women
 - C** the difference between male and female performance
- 27** Greg and Lisa think Miyake's results could have been affected by
- A** the length of the writing task.
 - B** the number of students who took part.
 - C** the information the students were given.

- 28 Greg and Lisa decide that in their own project, they will compare the effects of
- A two different writing tasks.
 - B a writing task with an oral task.
 - C two different oral tasks.
- 29 The main finding of Smolinsky's research was that class teamwork activities
- A were most effective when done by all-women groups.
 - B had no effect on the performance of men or women.
 - C improved the results of men more than of women.
- 30 What will Lisa and Greg do next?
- A talk to a professor
 - B observe a science class
 - C look at the science timetable