

Questions 1–3

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

Write the correct letter in boxes 1–3 on your answer sheet.

- 1 The main topic discussed in the text is
 - A the damage caused to US golf courses and golf players by lightning strikes.
 - B the effect of lightning on power supplies in the US and in Japan.
 - C a variety of methods used in trying to control lightning strikes.
 - D a laser technique used in trying to control lightning strikes.
- 2 According to the text, every year lightning
 - A does considerable damage to buildings during thunderstorms.
 - B kills or injures mainly golfers in the United States.
 - C kills or injures around 500 people throughout the world.
 - D damages more than 100 American power companies.
- 3 Researchers at the University of Florida and at the University of New Mexico
 - A receive funds from the same source.
 - B are using the same techniques.
 - C are employed by commercial companies.
 - D are in opposition to each other.

Questions 4–6

Complete the sentences below.

Choose **NO MORE THAN TWO WORDS** from the passage for each answer.

Write your answers in boxes 4–6 on your answer sheet.

- 4 EPRI receives financial support from
- 5 The advantage of the technique being developed by Diels is that it can be used
- 6 The main difficulty associated with using the laser equipment is related to its

Test 3

Questions 7–10

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

Write the correct letter, **A–I**, in boxes 7–10 on your answer sheet.

In this method, a laser is used to create a line of ionisation by removing electrons from **7** This laser is then directed at **8** in order to control electrical charges, a method which is less dangerous than using **9** As a protection for the lasers, the beams are aimed firstly at **10**

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|------------------------|---------------------|-----------------------|
| A cloud-zappers | B atoms | C storm clouds |
| D mirrors | E technique | F ions |
| G rockets | H conductors | I thunder |

Questions 11–13

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

In boxes 11–13 on your answer sheet write

YES	<i>if the statement agrees with the claims of the writer</i>
NO	<i>if the statement contradicts the claims of the writer</i>
NOT GIVEN	<i>if it is impossible to say what the writer thinks about this</i>

- 11 Power companies have given Diels enough money to develop his laser.
- 12 Obtaining money to improve the lasers will depend on tests in real storms.
- 13 Weather forecasters are intensely interested in Diels's system.