

Questions 14–20

Reading Passage 2 has nine paragraphs, **A–I**.

Which paragraph contains the following information?

*Write the correct letter, **A–I**, in boxes 14–20 on your answer sheet.*

- 14** mention of factors driving a renewed interest in natural medicinal compounds
- 15** how recent technological advances have made insect research easier
- 16** examples of animals which use medicinal substances from nature
- 17** reasons why it is challenging to use insects in drug research
- 18** reference to how interest in drug research may benefit wildlife
- 19** a reason why nature-based medicines fell out of favour for a period
- 20** an example of an insect-derived medicine in use at the moment

Questions 21 and 22

Choose **TWO** letters, **A–E**.

Write the correct letters in boxes 21 and 22 on your answer sheet.

Which **TWO** of the following make insects interesting for drug research?

- A** the huge number of individual insects in the world
- B** the variety of substances insects have developed to protect themselves
- C** the potential to extract and make use of insects' genetic codes
- D** the similarities between different species of insect
- E** the manageable size of most insects

Test 3

Questions 23–26

Complete the summary below.

Choose **ONE WORD ONLY** from the passage for each answer.

Write your answers in boxes 23–26 on your answer sheet.

Research at Aberystwyth University

Ross Piper and fellow zoologists at Aberystwyth University are using their expertise in **23** when undertaking bioprospecting with insects. They are especially interested in the compounds that insects produce to overpower and preserve their **24** They are also interested in compounds which insects use to protect themselves from pathogenic bacteria and fungi found in their **25** Piper hopes that these substances will be useful in the development of drugs such as **26**