

21 In describing the behaviour of a spring, the spring constant is used.

Different loads are used to extend the spring by different amounts.

To find the spring constant, which quantities are required?

- A** the elastic limit and the loads
- B** the elastic limit, extensions and the length of the spring
- C** the loads and the extensions of the spring
- D** the loads and the length of the spring

22 The graph shows the behaviour of a sample of a metal when it is stretched until it starts to