

**19** An object is stretched until it reaches the elastic limit.

Which statement must describe the stress on the object when it is at the elastic limit?

- A** It is the maximum stress for which the object obeys Hooke's law.
- B** It is the maximum stress that can be applied to the object before it has elastic deformation.
- C** It is the maximum stress that can be applied to the object before it has plastic deformation.
- D** It is the maximum stress the object can withstand before it breaks.