

**19** A wire is extended by a tensile force so that its deformation is elastic.

What is meant by elastic deformation?

- A** The extension of the wire is proportional to the tensile force.
- B** The extension of the wire is **not** proportional to the tensile force.
- C** When the tensile force is removed, the wire does **not** return to its original length.
- D** When the tensile force is removed, the wire returns to its original length.