

Read the passage given below.

We find different kinds of materials around us. But while studying a material or selecting any material to make an object it is important to understand its properties. Some of the most important properties to be considered are strength, elasticity, plasticity, tensile strength and ductility.

The ability of a material to resist strain and stress is known as its strength. Elasticity is the property of being flexible. When an elastic material is deformed by some external force the material returns to its original shape on withdrawal of the force. On the other hand some materials can change their shape permanently. This property is known as plasticity. Tensile strength is the property to stretch without breaking and ductility is stretching of material along its length.

Answer the following questions by choosing the correct options given below.

1. The property of a material to be flexible is known as

(a) Strength (b) Tensile strength (c) ductility (d) elasticity

2. Tensile strength is the property of a material to

(a) Resist strain (b) be flexible (c) Change shape permanently (d) stretch without breaking

Read the text and answer the given questions.

Ritik keeps his things in a much organised way. He keeps all his books subject-wise in different shelves of his study table. He keeps pencils in one box, pens in another, scales and erasers in another.

1. What value can you pick up from Ritik?

2. In what way is this value helpful to Ritik?