

# Elastic Force

## 1. Answer the following questions:

A. Explain elastic force.

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B. Define elastic deformation occurs.

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C. What is plasticity?

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## 2. Write True or False:-

A. A stretched rubber band comes back to its original shape and size after releasing.

B. The spring cannot push you higher by itself you need an external compresses the spring.

C. Force is not come from your body weight.

**3. Fill in the blanks:-**

- A. Elastic force are only produced by \_\_\_\_\_ or \_\_\_\_\_ that are elastic in nature.
- B. \_\_\_\_\_ occurs when the object is permanently deformed.
- C. \_\_\_\_\_ depends only on one displacement.

**4. Match the following:-**

Column A	Column B
i. Mass and distance force acting on	A. An object is gravity
ii. Fluid friction	B. Force gravity between objects increase
iii. Free fall occurs	C. When the solid object