

**BEST PHYSICS CLASSES IN DELHI CBSE/IIT/NEET/SAT  
PHYSICS/AP'S PHYSICS CLASSES WITH CONCEPT BUILDING  
CBSE+NEET+IIT PHYSICS**

Que 1) Due to addition of impurities, the modulus of elasticity

- (1) Decreases (2) Increases  
(3) Remains constant (4) May increase or decrease

Sol. Answer (4)

It depends on the elastic property of impurities if they themselves more elastic, elasticity will increase. If they

are less elastic, elasticity will decrease.

Que 2) Hooke's law is applicable for

- (1) Elastic materials only  
(3) Elastomers only  
(2) Plastic materials only (4) All of these

Sol. Answer (1)

Hooke's law is applicable only for elastic materials as only they follow the stress-strain proportionality.

Que 3) Which of the following affects the elasticity of a substance?

- (1) Change in temperature (2) Impurity in substance (3) Hammering (4) All of these

Sol. Answer (4)

Que 4) Which of the following substances has the highest elasticity?

- (1) Steel (2) Copper (3) Rubber

Sol. Answer (1)

Substance which requires more force for per unit elongation have more elasticity OR

Less stretchable means more elastic

So, steel is least stretchable

Most elastic.

# NEET PHYSICS

Full Wave Rectifier Is Preferred  
To Half Wave Rectifier Because  
Ripple Factor Of Half Wave  
Rectifier Is Greater Than Ripple  
Factor Of Full Wave Rectifier

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# IIT PHYSICS