Introduction to Materials

Materials Science · Answer Key · 12 Questions

1. Which of these materials is naturally harvested from trees?

A) Plastic
B) Glass
C) Wood
D) Metal

2. Which material is best known for being transparent and smooth?

A) Cotton
B) Glass
C) Rubber
D) Steel

3. What is a common property of metal?

A) It is always soft
B) It conducts heat well
C) It is made from plants
D) It is always transparent

4. Which material is flexible and often used to make car tyres?

A) Rubber
B) Ceramic
C) Stone
D) Concrete

5. What is the primary source of the material we call wool?

A) Plants
B) Rocks
C) Animals
D) Chemicals

6. Which of these materials is typically used to make a waterproof raincoat?

A) Cotton
B) Wool
C) Plastic
D) Paper

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7. What material is created by baking clay at high temperatures?

A) Plastic
B) Ceramic
C) Rubber
D) Fabric

8. Which of these is a rigid material commonly used in building houses?

A) Fabric
B) Rubber
C) Brick
D) Paper

9. What property allows a metal paperclip to stay together?

A) It is soft
B) It is strong and holds its shape
C) It melts in water
D) It is made of wood

10. Which material is derived from crude oil and can be molded into many shapes?

A) Plastic
B) Wood
C) Stone
D) Silk

11. What is a defining characteristic of fabric like cotton or silk?

A) It is very heavy
B) It is flexible and can be woven
C) It is brittle
D) It is magnetic

12. Which material is typically used to make a drinking straw?

A) Steel
B) Plastic
C) Stone
D) Clay

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