

**TEST FOR**  
**METALLURGICAL ENGINEERS**

**Choose the correct answer.**

**1. Duralumin is an alloy of aluminum**

- (a) Cu & Mn
- (b) Ni & Si
- (c) Al & Ni
- (d) none of these

**Correct Answer: a**

**2. The impure iron that is tapped from blast furnace contains \_\_\_\_\_%carbon**

- (a) 0.21
- (b) 2
- (c) 4
- (d) 4.3

**Correct Answer: c**

**3. Presence of nitrogen in steel**

- (a) makes it brittle
- (b) increases its strength
- (c) increases its hardness
- (d) is desirable to some extent

**Correct Answer: a**

**4. Cast iron ductility is improved by adding**

- (a) magnesium
- (b) cerium
- (c) a and b
- (d) chromium

**Correct Answer: c**

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