**1. Which particles are considered the fundamental components of an atom?**
a) Electron, proton, neutron
b) Proton, neutron, hyperon
c) Neutrino, electron, neutron
d) Anti-neutrino, proton, hyperon
**2. Who first introduced the term "atom"?**
a) Democritus
b) John Dalton
c) J. Berzelius
d) Greek Philosophers
**3. What tool provides direct evidence of atoms?**
a) Optical microscope
b) Compound microscope
c) Electron microscope
d) X-rays
**4. What is the approximate diameter of an atom?**
a) 2 nm
b) 0.2 nm
c) 200 nm
d) 20 nm
**5. Which scientist is known for determining atomic masses and developing symbols for elements?**
a) John Dalton
b) J. Berzelius
c) Democritus
d) Greek Philosophers