

1. Isotopes differs in

- A. arrangement of electrons in orbitals      B. position in the periodic table  
C. properties depend upon mass      D. chemical properties

**Answer:** Option D

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2. The mass of one mole of electron is

- A. 1.008      B. 0.55  
C. 0.184      D. 1.637

**Answer:** Option B

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3. The volume occupied by 1.4g CO at S.T.P is

- A. 22.4 dm<sup>3</sup>      B. 2.24 dm<sup>3</sup>  
C. 1.12 cm<sup>3</sup>      D. 1.12 dm<sup>3</sup>

**Answer:** Option D

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4. The number of atoms in a molecule determines

- A. macromolecule      B. macromolecule  
C. molecularity      D. atomicity

**Answer:** Option D

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5. Which of the following set has all species isoelectronic

- A. F - Cl - Br      B. Li<sup>+1</sup> - Na<sup>+1</sup> - K<sup>+1</sup>  
C. F - Ne - Na<sup>+</sup>      D. H<sup>+</sup> - H<sup>-</sup> - H

**Answer:** Option C

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6. Which element has same isotopes like palladium

