

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

-
2. The mass of one mole of electron is
- A. 1.008 B. 0.55
C. 0.184 D. 1.637

Answer: Option B

-
3. The volume occupied by 1.4g CO at S.T.P is
- A. 22.4 dm³ B. 2.24 dm³
C. 1.12 cm³ D. 1.12 dm³

Answer: Option D

-
4. The number of atoms in a molecule determines
- A. macromolecule B. macromolecule
C. molecularity D. atomicity

Answer: Option D

-
5. Which of the following set has all species isoelectronic
- A. F - Cl - Br B. Li+1 - Na+1 - K+1
C. F - Ne - Na+ D. H+ - H- - H

Answer: Option C

-
6. Which element has same isotopes like palladium

- A. Nickel B. Calcium
C. Cadmium D. Tin

Answer: Option **B**

7. Water absorber used in combustion analysis is

- A. 50% KOH B. Lime water
C. CaCl₂ D. Mg (ClO₄)₂

Answer: Option **D**

8. A limiting reactant is one which

- is taken in lesser quantity in
A. grams as compared to other
reactants
C. gives the maximum amount of
the product which is required
- B. is taken in lesser quantity in
volume as compared to other
reactants
D. gives the minimum amount of the
product under consideration

Answer: Option **D**

9. The type of filtering media used for filtration depending upon

- A. Nature of reactants B. Nature of crucible
C. Nature of product D. Nature of precipitate

Answer: Option **D**

10. A safe and more reliable method for drying the crystal is

- A. Hot air currents B. folds of filter paper
C. oven D. Vacuum desiccator

Answer: Option **D**