

نوٹ: ہر سوال کے چار ممکنہ جوابات A، B، C اور D دیئے گئے ہیں۔ جوابی کاپی پر ہر سوال کے سامنے دیئے گئے دائروں میں سے درست جواب کے مطابق متعلقہ دائرہ کو مارکر یا پین سے بھر دیجئے۔ ایک سے زیادہ دائروں کو پُر کرنے یا کاٹ کر پُر کرنے کی صورت میں مذکورہ جواب غلط تصور ہوگا۔

- 1 - 1 - How many numbers of moles are equivalent to 8 grams of CO₂?
 0.24 g (D) 0.21 g (C) 0.18 g (B) 0.15 g (A)
- 2 - The P-subshell consists of how many orbitals?
 4 (D) 3 (C) 2 (B) 1 (A)
- 3 - In a period which of the following decreases from left to right?
 ionization energy (B) atomic radius (A)
 electronegativity (D) electron affinity (C)
- 4 - A bond formed between two non-metals is expected to be ____ bond.
 metallic (D) co-ordinate covalent (C) ionic (B) covalent (A)
- 5 - Which of the following is the weakest force among the atoms?
 metallic force (B) ionic force (A)
 intermolecular force (D) covalent force (C)
- 6 - In long form of periodic table the horizontal lines are called:
 triads (D) periods (C) blocks (B) groups (A)
- 7 - One atmospheric (1 atm) pressure is equal to how many pascals?
 101325 (D) 10325 (C) 106075 (B) 10523 (A)
- 8 - Which of the following is a heterogeneous mixture?
 milk (D) ink (C) milk of magnesia (B) sugar solution (A)
- 9 - If 10 grams of sugar are dissolved in 100 grams of water, it is called.
 $\frac{m}{m} \%$ (D) $\frac{m}{v} \%$ (C) $\frac{v}{m} \%$ (B) $\frac{v}{v} \%$ (A)
- 10 - In the redox reaction between zinc and HCl which one is oxidizing agent?
 H₂ (D) Zn (C) Cl⁻ (B) H⁺ (A)
- 11 - Which of the following is a weak electrolyte?
 H₂SO₄ (D) CH₃COOH (C) NaOH (B) NaCl (A)
- 12 - Non-metals are generally soft but which one of the following is extremely hard?
 sulphur (D) phosphorus (C) iodine (B) diamond (A)