

**Chemical Engineering Stoichiometry Question Bank**

1. Gases diffuse faster compared to liquids because of the reason that the liquid molecules
- a. are held together by stronger intermolecular forces
  - b. move faster
  - c. have no definite shape
  - d. are heavier

Ans: A

2. One Newton is equal to \_\_\_\_ dynes.
- a.  $10^2$ s
  - b.  $10^3$
  - c.  $10^4$
  - d.  $10^5$

Ans: D

3. Solutions which distil without change in composition are called
- a. ideal
  - b. saturated
  - c. supersaturated
  - d. azeotropic

Ans: D

4. During a phase change process like sublimation, vaporisation, melting etc., the specific \_\_\_\_ does not change.

- a. Enthalpy
- b. Gibbs free energy
- c. Internal energy
- d. Entropy

Ans: B

5. 1 torr is equal to \_\_\_\_\_ mm Hg column.

- a. 1
- b. 0.1
- c. 10
- d. 1000

Ans: A

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