

TEST FOR
CHEMICAL ENGINEERS

Choose the correct answer.

1. An ideal liquid refrigerant should

- (a) not have a sub atmospheric vapor at the temperature in the refrigerator coils volume
- (b) not have unduly high vapor pressure at the condenser temperature
- (c) both a & b
- (d) have low specific heat

Correct Answer: c

2. Which of the following is the most major constituents of air pollutants?

- (a) oxides of sulfur
- (b) oxides of nitrogen
- (c) carbon monoxide
- (d) hydrogen sulfide

Correct Answer: c

3. Stalagmometer is used for measurement of

- (a) kinematic viscosity
- (b) surface tension
- (c) refractive index
- (d) optical activity

Correct Answer: b

4. In polytropic process, $n = 1$; it means

- (a) an adiabatic process
- (b) a reversible process
- (c) an isothermal process
- (d) none of these

Correct Answer: c
