

Define the following terms. (19-22)
Physical Chem

(a) Open system (b) closed system (c) Isolated system.

Q. 2. Define the following terms.

(a) Isothermal process (b) Adiabatic process.

(c) Reversible process (d) Irreversible process

Q. 3. Write down the following

(a) First law of thermodynamics

(b) Second law of thermodynamics

Q. 4. - What is Law of Mass action?

Derive mathematically Equilibrium constant.

write the significance of equilibrium constant.