

QUESTION:

The role of a catalyst is to change:

A gibbs energy of reaction

B enthalpy of reaction

C activation energy of reaction

D equilibrium constant

ANSWER:

Correct option is C)

The role of a catalyst is to change the activation energy of the reaction. However, catalyst does not change Gibbs energy of reaction, enthalpy of reaction and equilibrium constant.

A catalyst provides an alternate pathway of lower activation energy.