For ex: Electrical energy is a form of work interaction work can also be done when displacement is “0”. Due to friction.

- In 6th row an R term is used
  \[ R = \frac{C_p}{C_v}. \]

- In the above table the notations and symbols must be used as it is since they are case sensitive. For ex: if u write \( dw \) it will be a differential of a variable \( w \) but if we write \( dW \) then it can be said to be an exact differential of work done.

We can also say that differentiation can be used only to a larger value than a minimum value.

**What is meant by a quasi-static process?**

When a system undergoes a change in such a manner that the final condition is nearest to the original or equilibrium condition, then the process is said to be a quasi-static process.

A quasi-static process is the same as a differentially small change in calculus.

Quasi-static process can be used for a reversible process only.

A quasi-static process is taken into consideration when any quantity for a given problem must be constant but it is changing.