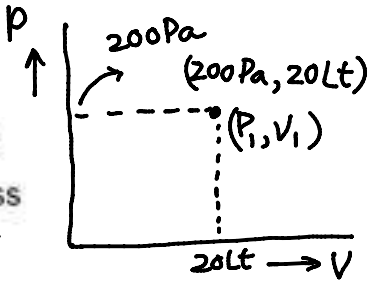
THERMODYNAMIC PROCESS: Mode (method) that is followed by a thermodynamic system to move from one state to the other is called a thermodynamic process.

INDICATOR DIAGRAM (p-V diagram): A p-V graph which shows the variation of pressure of system with its volume, during a process is called Indicator Diagram.



Different Types of Processes: (well defined processes)

1. **Isothermal Process:** T = constant

   For a system with ideal gas $PV = \mu RT$

   $\boxed{PV = \text{constant}}$

2. **Isobaric Process:** P = constant

   For ideal gas $PV = \mu RT \Rightarrow \frac{V}{T} = \frac{\mu R}{P} \rightarrow \text{const.}$