ASSIGNMENT 3

1. Explain different types of laws of gases.
2. Prove Cp-Cv = R.
3. What is specific heat? Explain in brief.
4. Explain non-flow processes.
5. What is reversible adiabatic process? Prove $PV^{\gamma} = constant$.
6. Derive the equation of work done for reversible adiabatic process and polytrophic process.