

**SAGAR MAHAVIDYALAYA**

**Internal Assessment(CC-3) SEM-III**

**PHSG-TH**

Time:2:30- 3:00 pm Session 2021

**Answer any five questions from the following...**

**5×2**

1. State first law of thermodynamics.
2. State 0<sup>TH</sup> law of thermodynamics.
3. What is isothermal process.
4. What is a thermodynamic system.
5. Write down the Maxwell's thermodynamic potential equation.
6. Calculate first T-ds relation related to thermodynamics.
7. What is mean free path.