

Sub: PHYSICS  
THERMODYNAMICS  
3rd semester

Total marks - 20

- 1) Discuss about the work done by a gaseous system in cyclic process. Find the expression for work done by a gaseous system in an adiabatic process. 5
- 2) What is the first law of thermodynamics and discuss about the applications of first law of thermodynamics. 5
- 3) Write the Tds equations. 5
- 4) Discuss Temperature - Entropy diagram for Carnot cycle. 5