



SoulShift - Educational Q&A Platform

General Questions

Practice Questions



**Q1. Which of the following statements is true for an isochoric process?
(2023)**

- A. Volume remains constant
- B. Pressure remains constant
- C. Temperature remains constant
- D. Heat is absorbed

Solution: In an isochoric process, the volume of the system remains constant.

**Q2. Which of the following statements is true for an adiabatic process?
(2022) 2022**

- A. Heat is exchanged with the surroundings
- B. Work done is zero
- C. Temperature changes
- D. Pressure remains constant

Solution: In an adiabatic process, there is no heat exchange with the surroundings, and the temperature of the system changes due to work done on or by the system.



