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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.

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