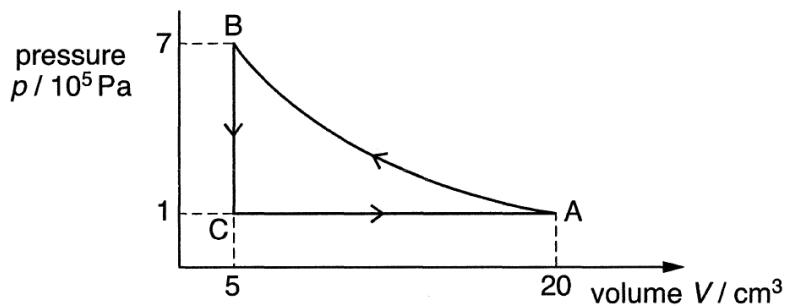


11

An ideal gas undergoes a cycle of changes A → B → C → A, as shown.



Which of the following statements is correct?

A

Process A → B is isothermal.

B

Process B → C is isochoric.

C

Work of 15 J is done by the gas in process C → A.

D

The internal energy of the gas is zero.