

**TOPIC**

Thermodynamics – Section XII – Question 5

**QUESTION**

2 kg of air in a closed-rigid vessel at 1 bar and  $25^{\circ}\text{C}$  is heated until its temperature is  $100^{\circ}\text{C}$ . The heat added to the air (in kJ) most nearly is

- (A) 0
- (B) 108
- (C) 120
- (D) 150

**CONTRIBUTOR**

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