

Reasoning Worksheet

Practice. Learn. Succeed

Sub : Science

Grade: IX

Date:

Name:

ID No.....

Tick the Choice Question

1. Read the following statements:

- i. If we increase the temperature of a gas inside a container, its pressure also increases.
- ii. Upon heating, the rate of collision of the gas molecules increases and increases the impact of force on the walls of the container.

Select the correct alternative:

- (a) both (i) and (ii) are true and (ii) explains (i)
- (b) both (i) and (ii) are true but (ii) does not explain (i)
- (c) only (i) is true
- (d) only (ii) is true

2. The physical quantities are given in Column I and their SI units in Column II.

Column I	Column II
A. Mass	(i) pascal
B. Volume	(ii) kelvin
C. Density	(iii) kilogram
D. Pressure	(iv) cubic metre
E. Temperature	(v) kilogram per cubic metre

Select the correct alternative:

- (a) A (iii), B (iv), C (v), D (i), E (ii)
- (b) A (v), B (i), C (ii), D (iii), E (iv)
- (c) A (ii), B (iii), C (iv), D (v), E (i)
- (d) A (iv), B (ii), C (v), D (i), E (iii)
