

- 7 A fixed mass of a gas occupies a constant volume. The temperature of the gas is increased.

Which of the following is **not** true?

- ☐ A The internal energy of the gas increases.
- ☐ B The mean kinetic energy of the molecules increases.
- ☐ C The mean momentum of the molecules increases.
- ☐ D The pressure exerted by the gas increases.

(Total for Question 7 = 1 mark)