

19 What is the internal energy of an object?

- A It is the energy associated with the object's movement through space.
- B It is the energy associated with the random movement of the molecules in the object.
- C It is the energy due to the attractions between the molecules in the object.
- D It is the sum of all the microscopic potential and kinetic energies of the molecules in the object.

20 Each box shows identical molecules of a gas represented by circles with arrows to show the