

- 4 (a) Describe apparatus that demonstrates Brownian motion. Include a diagram.

.....
.....
.....
.....
.....
.....
.....

[2]

- (b) Describe the observations made using the apparatus in (a).

.....
.....
.....

[2]

- (c) State and explain two conclusions about the properties of molecules of a gas that follow from the observations in (b).

1.
.....
.....
.....
.....
.....
.....
.....

[2]