

5 Scientists use particles with high energy to investigate the structure of nucleons.

Which of the following statements is **not** a reason why particles with high energy are required?

- ☐ A to allow forces between particles to be overcome
- ☐ B to ensure particles have a very high momentum
- ☐ C to ensure particles have a very small de Broglie wavelength
- ☐ D to provide sufficient energy for the production of new particles

(Total for Question 5 = 1 mark)