

- 29** Which of the following best describes the Heisenberg's uncertainty principle?
- A** The uncertainty principle applies only to microscopic particles like electrons.
 - B** The uncertainty principle only applies to particles moving close to the speed of light.
 - C** The product of the uncertainties in position and momentum of a particle has a minimum value.
 - D** It is possible to reduce the uncertainty in both position and momentum of a particle to zero with advanced measuring techniques.

30 Thorium-232 undergoes the following fission reaction: