

- 11 A long uniform spring (slinky) is held at the top so that the spring is not moving.



Why is the separation of the coils uneven?

- A Hooke's law is not obeyed throughout the spring.
 - B The coils at the bottom are heavier than the coils at the top.
 - C The coils at the top are supporting the weight of the coils below.
 - D The spring is not in equilibrium.
- 12 A student pulls a book from a shelf by its top corner, holding it between his forefinger and thumb