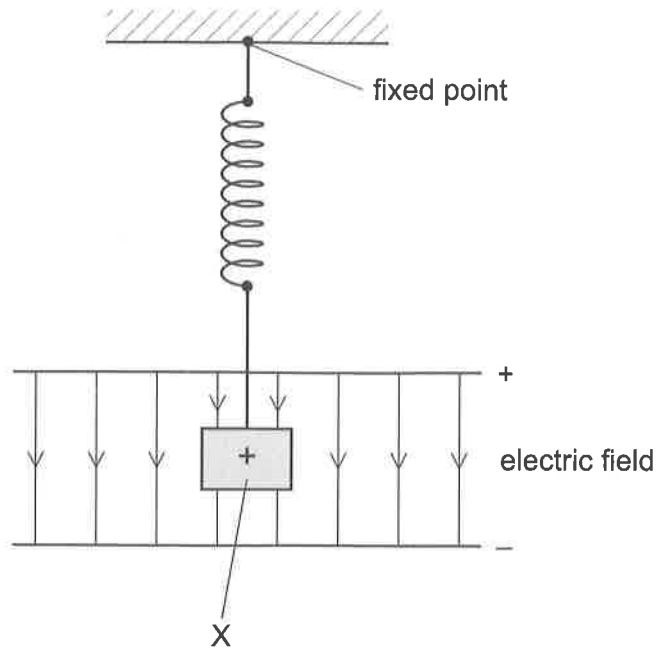


- 13 A spring, suspended from a fixed point, carries a positively charged body X which hangs in a vertical electric field.



What happens to the elastic potential energy and to the electric potential energy of the system as X is pulled downwards?

	elastic potential energy	electric potential energy
A	decreases	decreases
B	decreases	increases
C	increases	decreases
D	increases	increases

- 14 When a rifle is fired, the bullet experiences a constant pressure on its base whilst in the barrel of