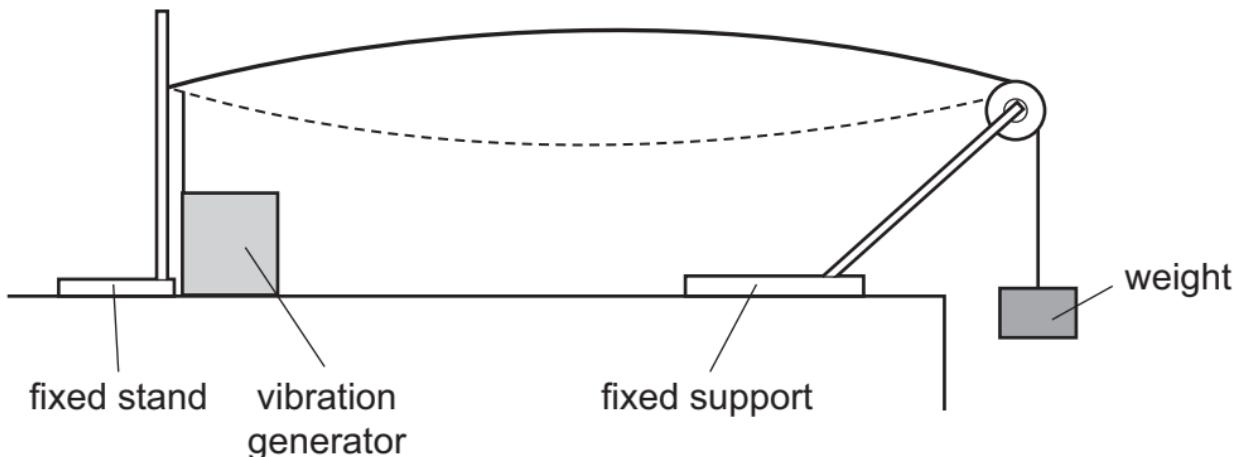


- 25 The diagram shows a steel wire clamped at one end and tensioned at the other by a weight hung over a pulley.



A vibration generator is attached to the wire near the clamped end. A stationary wave with one loop is produced. The frequency of the vibration generator is f .

Which frequency should be used to produce a stationary wave with two loops?

A $\frac{f}{4}$

B $\frac{f}{2}$

C $2f$

D $4f$

- 26 Which row describes the circumstances under which forces act on a charged particle in a uniform