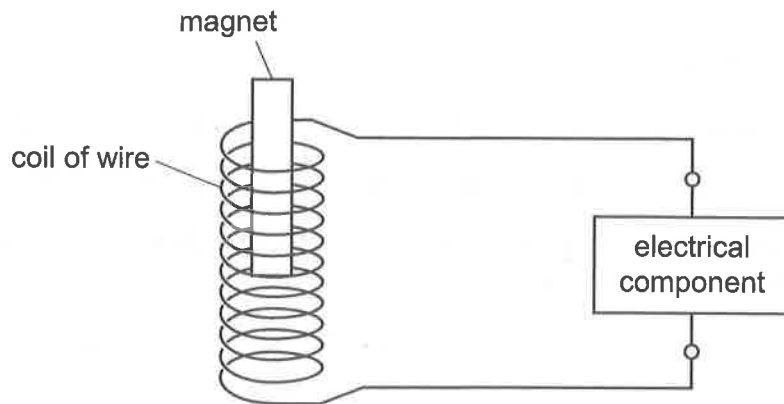


- 26 A magnet falls through a coil of wire connected to an electrical component as shown in the diagram.



The electrical component and the number of turns of wire in the coil are varied but the length of the coil is kept the same.

In which arrangement does the magnet fall through the coil in the greatest time?

	component	number of turns
A	ammeter	200
B	ammeter	400
C	voltmeter	200
D	voltmeter	400

- 27 The graph shows a typical X-ray spectrum