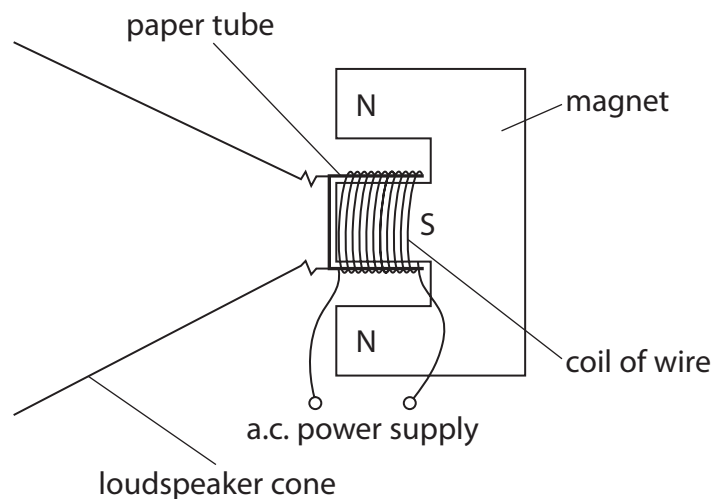


7 The diagram shows the construction of a simple loudspeaker.



A coil of wire is wrapped around a paper tube attached to the loudspeaker cone.

When there is an alternating current (a.c.) in the coil, the cone moves.

Explain how the loudspeaker produces a sound wave.

(5)

(Total for Question 7 = 5 marks)

