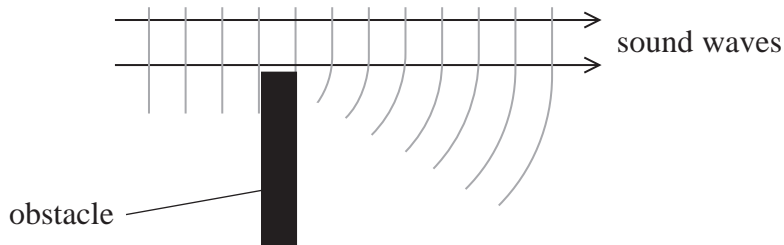


3 Sound waves can diffract around obstacles as shown in the diagram.



The diffraction effect is

- ☐ **A** greater for large amplitude sound waves.
- ☐ **B** greater for low frequency sound waves.
- ☐ **C** independent of the frequency of the sound waves.
- ☐ **D** independent of the speed of the sound waves.

(Total for Question 3 = 1 mark)