Q1. (2018)

0 5 A car aerial receives radio waves from a radio transmitter.

Radio waves are transverse waves.

Sound waves are longitudinal waves.

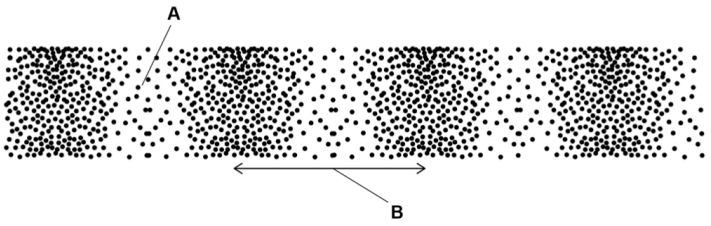
0 5 . 1 Describe the difference between transverse waves and longitudinal waves.

[2 marks]

Q2. (2022)

0 1 **Figure 1** shows a longitudinal wave.

Figure 1



0 1 . 1 What do the labels **A** and **B** on **Figure 1** represent?

Choose answers from the box.

[2 marks]

amplitude	**frequency**	**rarefaction**	**reflection**	**wavelength**

A _____

B _____

Q3. (2023)

0 3 . 4 Describe the difference between longitudinal waves and transverse waves.

[2 marks]

Q4. (2024)

0 3 Electromagnetic waves are grouped according to their wavelength and frequency.

Electromagnetic waves are transverse waves and can travel through a vacuum.

a)

0 3 . 1 Give one **other** property that is the same for all types of electromagnetic wave.

[1 mark]

b)

0 3 . 2 What is meant by 'transverse wave'?

[1 mark]