

Name: ..... ( ) Class: ..... Date: .....

### LIVE Assignment 2: WAVES Part 2 (DESCRIPTIONS)

1. Fill in the blanks with the correct terms to describe parts of a wave.

crest

wavelength

frequency

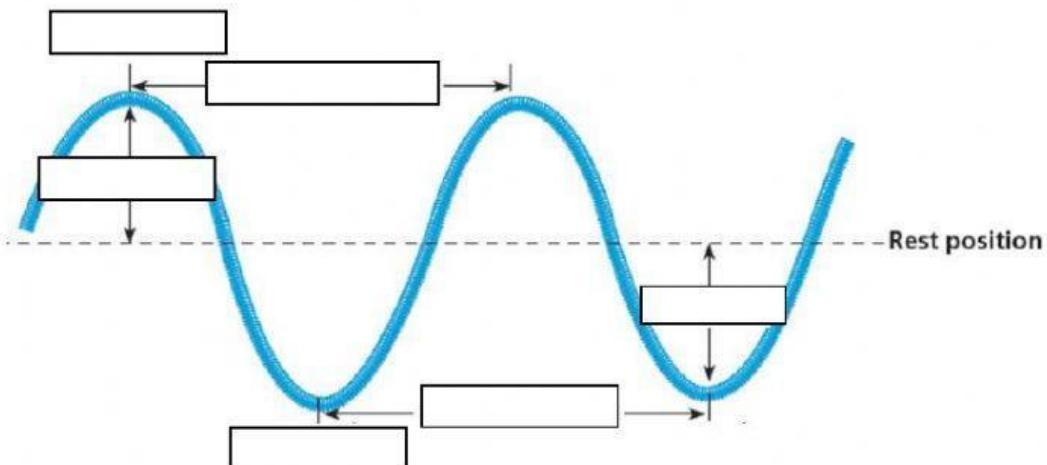
amplitude

trough

amplitude

Hertz

wavelength



- a) ..... are the **highest points** of a wave.
- b) ..... are the **lowest points** of a wave.
- c) ..... is the **maximum displacement** from the **rest position**. Its **SI unit** is the **metre**.
- e) ..... ( $\lambda$ ) is the **distance** between two successive crests or two successive troughs.

#### How fast the waves are moving?

The number of complete waves / vibrations per second is known as ..... ( $f$ ).

The SI unit is ..... (Hz).

2. Complete the sentences about waves using the terms in the box. You may use once, more than once or not at all.

amplitude	distance	energy	frequency	infra-red
power	remote control devices	sunbeds	wavelength	

Waves are vibrations that transfer .....

The number of waves that pass a fixed point each second is called the .....

The distance between a point on one wave and the same point on the next wave is called the .....

The maximum distance of any point on a wave from its undisturbed position is called the .....

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End of Paper