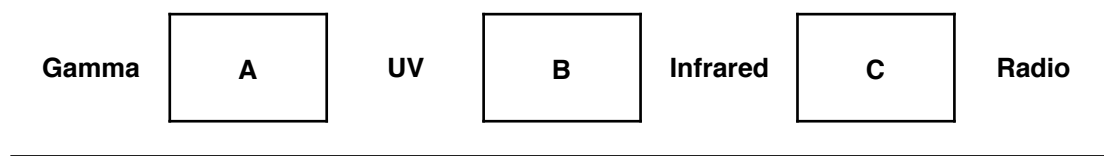


- 1 The diagram shows some of the waves in the electromagnetic spectrum.



- 1 (a) (i) Name the missing waves. [2 marks]

Wave A .....

Wave B .....

Wave C .....

- 1 (a) (ii) Describe the relationship between the wavelength and the frequency of the waves in the electromagnetic spectrum. [2 marks]

.....  
.....  
.....  
.....

- 1 (a) (iii) Give the range of wavelengths in the electromagnetic spectrum.

Choose from the value given. [2 marks]

1 m       $10^4$  m       $10^{-5}$  m       $10^{-15}$  m       $10^{15}$  m

The range of wavelengths in the electromagnetic spectrum is from

..... to .....

- 1 (b) Radio waves, infrared and light can be used for communication.

Name one other electromagnetic wave that is used for communication. [1 mark]

.....

(Total 6 marks)

End

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