

6 This question is about parts of the electromagnetic spectrum.

gamma	x-ray	ultraviolet	visible	infrared	microwave	radio
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(a) Which of these parts has the longest wavelength?

(1)

☐ **A** gamma

☐ **B** infrared

☐ **C** radio

☐ **D** visible

(b) State two properties that are the same for all parts of the electromagnetic spectrum.

(2)

1 .....

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2 .....

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(c) Discuss a use and a harmful effect for three parts of the electromagnetic spectrum.

(6)

1.....

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2.....

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3.....

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(Total for Question 6 = 9 marks)

