

**Answer ALL questions. Write your answers in the spaces provided.**

**1** Doctors use ionising and non-ionising radiation in hospitals.

(a) The table lists some types of radiation.

Put a tick (✓) in each row of the table to show which types of radiation are ionising and which are non-ionising.

One has been done for you.

(3)

Radiation	Ionising	Non-ionising
alpha	✓	
beta		
gamma		
ultrasound		

(b) Give two precautions that doctors should take when using ionising radiation.

(2)

1 .....

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2 .....

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**(Total for Question 1 = 5 marks)**

