

- 3 (a) William Withering tested the use of digitalis to treat a heart condition. The table below describes some of the stages he could have used.

Place a tick (✓) in the box if he used this stage in his test and place a cross (✗) in the box if he did not.

(3)

Description of stage	Tick / cross
He tried to isolate digitalis from foxglove plants.	
He tested digitalis on healthy humans.	
He used a placebo to make sure digitalis worked.	

- (b) (i) Explain why placebos are used to test the efficiency of new drug treatments.

(2)

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- (ii) Explain what is meant by a **double blind trial**.

(2)

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(Total for Question 3 = 7 marks)

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