

Question Number	Answer	Additional Comments	Mark								
3 (a)	<table border="1"> <thead> <tr> <th>Description of stage</th> <th>Tick / cross</th> </tr> </thead> <tbody> <tr> <td>He tried to isolate digitalis from foxglove plants.</td> <td>✓ ;</td> </tr> <tr> <td>He tested digitalis on healthy humans.</td> <td>× ;</td> </tr> <tr> <td>He used a placebo to make sure digitalis worked.</td> <td>× ;</td> </tr> </tbody> </table>	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.	× ;	No marks for blank spaces. No mark for hybrid x/✓	(3)
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3 (b) (i)	<ol style="list-style-type: none"> inactive substance / no drug / eq ; idea that it is used as a control e.g. comparison with the actual drug ; idea of psychological effect of taking either a drug or a placebo ; 	<ol style="list-style-type: none"> ACCEPT dummy pill, sugar pill, fake pill e.g. patient believes they will improve and ALLOW reference to placebo effect 	(2)

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3 (b) (ii)	<ol style="list-style-type: none"> idea of one set of patients being given the (new) drug and one set a placebo ; neither patient nor { doctor / scientist / eq } knows if the treatment contains the (new) drug or not ; removal of bias from results / eq ; 	<ol style="list-style-type: none"> ACCEPT pre-existing / old drug instead of placebo 	(2)