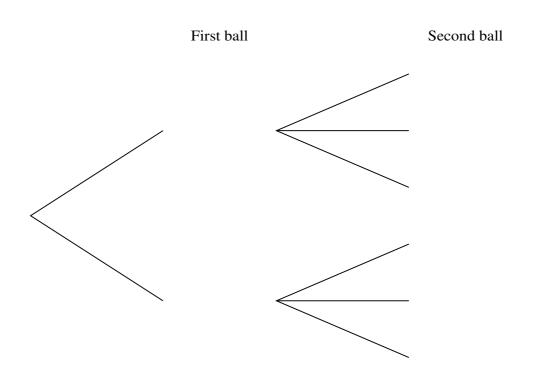
3	A box contains 3 red balls and 5 blue balls. One ball is taken at random from the box and not replaced.
	A yellow ball is then put into the box. A second ball is now taken at random from the box.

(i) Complete the tree diagram to show all the outcomes and the probability for each branch.
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ring the probability that the two bans taken are the same colour.	[4]
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(iii)	Find the probability that the first ball taken is red, given that the second ball taken is blue. [3]