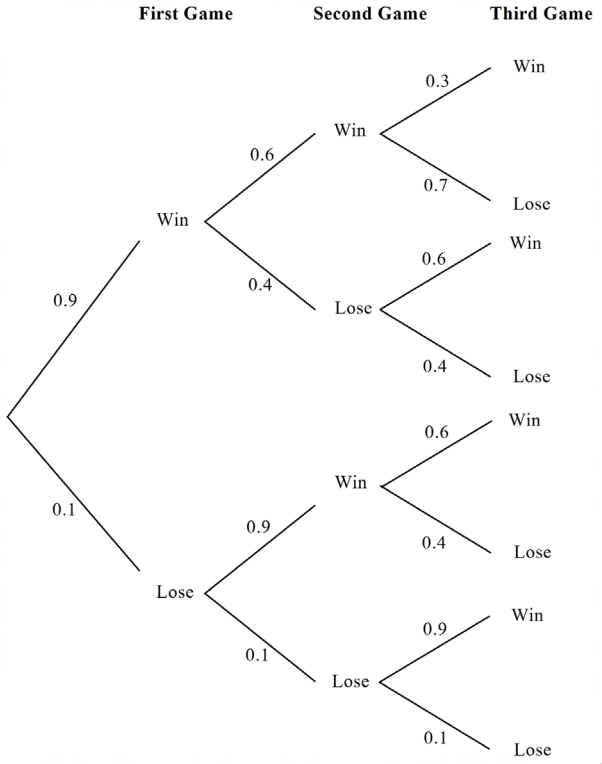
Question Number	Scheme	Marks
2 (a)		B1 B1 dB1
		(3)
(b)	$0.9\times0.6\times0.3=0.162$	M1 A1
		(2)
(c)	$0.9\times0.6\times'0.7'+0.9\times'0.4'\times'0.6'+'0.1'\times'0.9'\times'0.6'$ [='0.378'+'0.216'+'0.054']	M1 dM1
	$=0.648$	A1
		(3)

	Notes	Total 8
(a)	**B1**	for a complete structure with labels win and lose (Condone W and L for win and lose or other labels if clearly defined)
	B1	for correct probabilities on branches for the first and second game
	dB1	dep on both previous B marks it is for a fully correct tree diagram
(b)	**M1**	for $0.9\times0.6\times0.3$ oe **only** May be implied by 0.16(2) but not if this is part of an incorrect method i.e. do not isw
	A1	for 0.162 oe (e.g. $\frac{81}{500}$) (correct answer with no incorrect working 2/2)
(c)	**M1**	for one correct product. You may ft on their tree diagram provided all are probabilities. They must be multiplying the 3 probabilities together. May be implied by one of 0.37(8) or 0.21(6) or 0.054 (allow rounded to 2sf or truncated)
	dM1	dep on previous M. It is for all 3 correct products and attempting to add the three different products together. You may ft on their tree diagram of the correct structure provided all are probabilities. May be implied by $0.37(8)+0.21(6)+0.054$ (allow rounded to 2sf or truncated) Note if in (a) 1st B mark is B0 as they are missing the branches after WIN-LOSE then it is unlikely they will score this mark unless from a restart.
	A1	for 0.648 oe (e.g. $\frac{81}{125}$) correct answer which has not clearly come from an incorrect method (3/3)