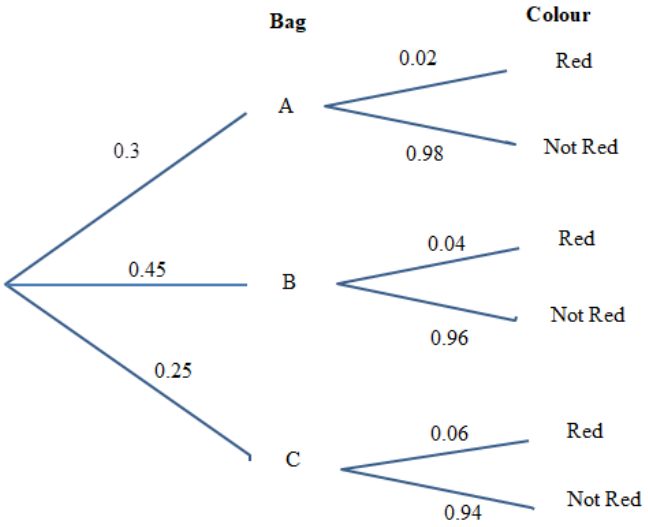
Qu	Scheme	Marks
4(a)		B1B1
		(2)
(b)	$0.3\times$"0.98"	M1
	$= 0.294$	A1
		(2)
(c)	$(0.3\times0.02)+($"0.45"$\times$"0.04"$)+($"0.25"$\times$"0.06"$)$	M1
	$= 0.039$	A1
		(2)
(d)	$\mathrm{P}(\mathrm{C}\mid\mathrm{Red})=\dfrac{\text{"0.25"}\times\text{"0.06"}}{\text{"0.039"}}\left[=\dfrac{0.015}{\text{"0.039"}}\right]$	M1,M1
	$= 0.3846\ldots$ or $\dfrac{5}{13}$	A1
		(3)
	Notes	**Total 9**
(a)	B1 for 0.45, 0.25 and 0.98 Allow fractions	
	B1 0.04, 0.96 and 0.06, 0.94 Allow fractions	
(b)	M1 may ft their tree diagram if method shown 0.3 × " their 0.98"	
	A1 0.294 oe	
(c)	M1 may ft their tree diagram if method shown	
	A1 0.039 oe	
(d)	M1 allow $\dfrac{p}{\text{"their part (c)"}}$ or $\dfrac{p}{0.039}$ where $0 < p < 1$ and $p <$ denominator and their (c) is a probability or allow $\dfrac{\text{"0.25"}\times\text{"0.06"}}{q}$ or $\dfrac{0.015}{q}$ where $0 < q < 1$ and $q >$ numerator	
	M1 for $\dfrac{\text{"0.25"}\times\text{"0.06"}}{\text{"0.039"}}$ ft their tree diagram and their part(c) if all 3 figures shown in working. We will condone num > denom	
	A1 awrt 0.385	
	NB if correct ft on numerator and denominator leads to "num" > "denom" then max score is M0M1A0	