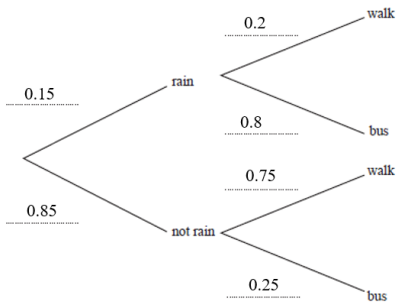
Question		Working	Answer	Mark	Notes
13	(a)		0.15, 0.85 0.2, 0.8 0.75, 0.25	2	B2 for all 3 correct pairs of probabilities on the correct branches. If not B2 then award B1 for at least one correct pair of probabilities on the correct branch NB: all values can be given as fractions
	(b)	"0.15" × "0.2" oe **or** 1 – ("0.15" × "0.8" + "0.85" × "0.75" + "0.85" × "0.25")		2	M1ft ft their tree diagram provided both probabilities are < 1 for a correct method
		Correct answer scores full marks (unless from obvious incorrect working)	0.03		A1 ft oe eg $\frac{3}{100}$ or 3%
					Total 4 marks