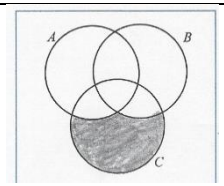
13 (a)			1	B1	Professional judgment required, eg allow double shading if meaning clear.
(b)		$(D \cup E) \cap F$	1	B1	oe eg $(D \cap F) \cup (E \cap F)$
					Total 2 marks

14 (a)		0.7, 0.2, 0.8, 0.1, 0.9	2	B2 (B1)	oe, all correct 2 or 3 or 4 correct probabilities
(b)	0.3 × "0.2" (= 0.06) **or** 0.7 × "0.1" (= 0.07) oe		4	M1	ft from (a) dep on probabilities being between 0 and 1, **OR** 0.3 × "0.8" (= 0.24) **or** 0.7 × "0.9" (= 0.63) oe
	0.3 × "0.2" + 0.7 × "0.1" (= 0.13) oe **or** "0.06" × 200 (= 12) **or** "0.07" × 200 (= 14)			M1	ft from (a), **OR** 0.3 × "0.8" + 0.7 × "0.9" (= 0.87) oe **or** "0.24" × 200 (= 48) **or** "0.63" × 200 (= 126)
	"0.13" × 200 oe **or** "12" + "14"			M1	ft from (a), 200 – "0.87" × 200 oe **or** (1 – "0.87") × 200 **or** 200 – "48" – "126"
		26		A1	cao
					Total 6 marks