(문제1)

- (1) S= {(0N,0N,0N), (0N,0N,0ff), (0N,0ff,0N), (0N,0ff,0ff), (0ff,0H,0N), (0ff,0H,0ff), (0ff,0ff,0N), (0ff,0ff,0ff)
- (2)
 - ① $(0N,0N,0M) \Rightarrow (0.6)^3 = 0.216$ $(0N,0N,0ff) \Rightarrow 0.36 \times 0.4 = 0.144$ $(0N,0ff,0n) \Rightarrow 0.144$

(on, off, off) => 0.6x0.6=0.096

(off, on, on) ⇒ 0.144

(off.on,off) =) 0.096

(off,off,off) ⇒ 0.16×0.4=0.064

- ② 3x(0.6x0.6x0.4) = 3x(0.36x0.4)
- = 3×0./44 = 0.432
- - - *∴* . 0.6

(문제 2)

- (i) S={(R),(F,R),(F,F,R), (F,F,F,R),(F,F,F,F)}
 - (R)=) 0.4

(F,R)=) 0.4x0.6= 0.24

(F, F, A) = 0.36x0.4=0.144

(F,F,F,R) = 0.0864

(F, F, F, F) => (0.6) = 0.1296

- (2)
 - (欧生熟)

젖)	<u>>~</u> x	-	2	3	4	可载
1	0	6.4	٥	0	0	6,4
	7	0	0.24	9	0	0.24
	2	•	0	0.144	0	0.144
_	3	0	0	0	0.0864	0.0864
<u>, </u>	4	0	0	٥	0.1296	0.1296
	명밥	0.4	9,24	0.144	0,216	/

(x(X)	0.4	0,24	0_144	0.116	1

Y	이	ı	2	3	4	791
Py (Y)	0.4	0,24	0.144	0_864	0./296	1

- 2 $P(1.0) = P_1(1) \times P_y(0) = 0.4 \times 0.4$
 - = 0.16 ≠ 0.4

oles Son ofact

3 F(x+Y) = 0.4 + 0.24x3+5 x0.144+7x0.036x

+ 8x0.1296 = 3.4916