2. 01): A = of RRR, LLL SLJ9
b): 2-401 (1. D) b): B=YRLS, RSC, LRS, ISR, SRL, SLR4

C): C= dRRL, RRS, RLR, RSR, LRR, SRRP

did-GRRLIRRS, RLR, RSR, LRR, SRR,

LLR LLY LRL LSL, RLL, SLL,

SSR. SSL. LRS SLS. RSS. LSS 4

01.01= dRRR, LLL, SSJ. RLS. RSL.

SLR, SRL, LSR, LRSY.

CUD=D, CAD=C

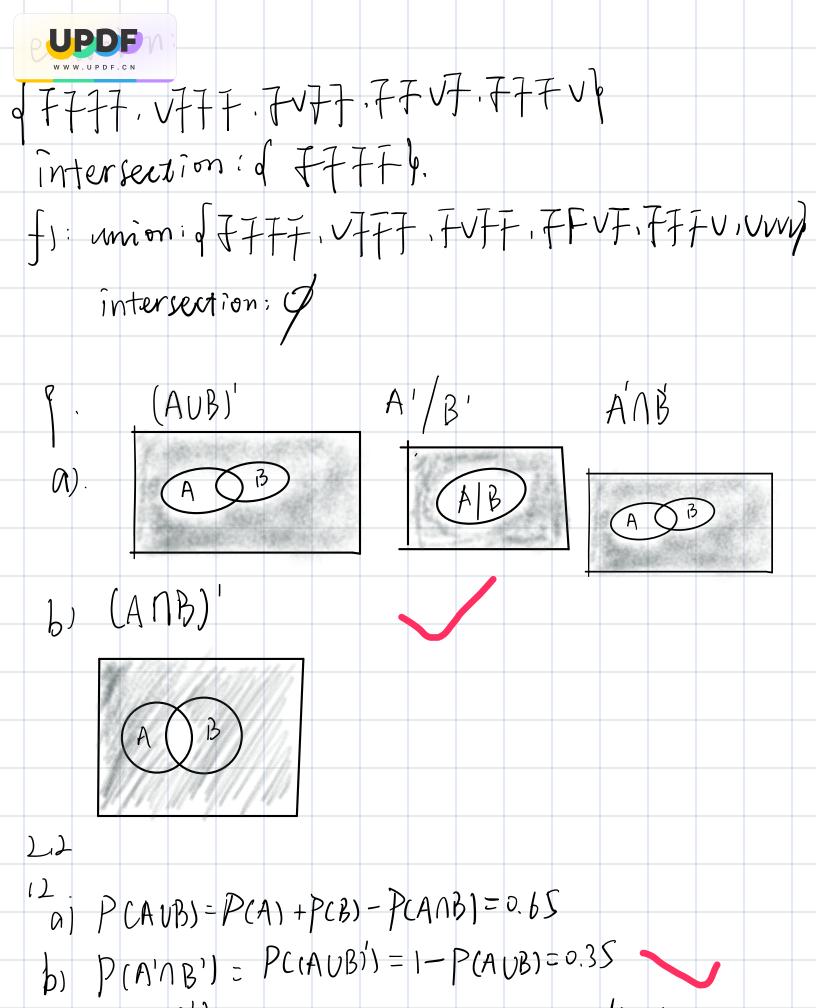
4.0). (FIII, VFII, JVFF, FIVF, IFFV,

VVFF, VFVF, VFFU, FVF, FUFV, FFVV,

FUVU, VZVU, VVFU, VUUJ, UUVU)

a) d F f 77, vvvv).

didF777, V777, FV77, F77V).



c) P(A)B') = P(A)-P(A)B)=0.>5 owordig to venn diagram

18. A: 75W burb is selected first: PZA) = 7

· PLAn = 15.

>7. ABCCT

 α . P(A+B) = 1/(5) = 10

[0]. $P(ar least one c) = \frac{[t]+[t]-1}{|s|} = \frac{1}{10}$ (2)

C). 3 6 7 10 14.

P(y=1x) = P(d3,14) db,14) f7,14) d 10,14) f6,10) d7,10)

- 5 - 5

30 MP3,8 = 8x7x6=336 hr. (30) = 583775

 $C \cdot \left(\begin{array}{c} x \\ 8 \end{array} \right) \times \left(\begin{array}{c} x \\ 10 \end{array} \right) \times \left(\begin{array}{c} x \\ 12 \end{array} \right) = 83160$

 $e. \frac{\begin{pmatrix} 8 \\ 6 \end{pmatrix} + \begin{pmatrix} 10 \\ 6 \end{pmatrix} + \begin{pmatrix} 12 \\ 6 \end{pmatrix}}{\begin{pmatrix} 12 \\ 6 \end{pmatrix}}$ d1. 83160 = 0,14

 $=\frac{1162}{593775}=0.002$

P(A)=
$$\begin{pmatrix} 1 \\ 2 \end{pmatrix}$$
 $\begin{pmatrix} 1 \\ 3 \end{pmatrix}$ $\begin{pmatrix} 1 \\ 3 \end{pmatrix}$