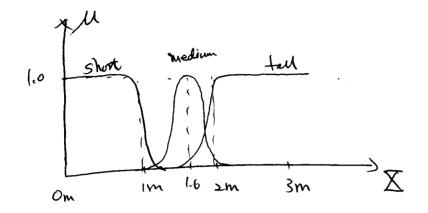
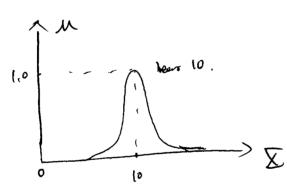
Tut 1:

Q1:

(i)
$$X=\{\text{people of height } x \in (0,+\infty)\}$$



(ii) X= "all humbers"



greates than 10

٠,

Q2:

- (a). A UB = $1.0/f_{16} + 0.5/f_{4} + 0.9/f_{14} + 0.8/f_{15} + 0.8/f_{11} + 1.0/652 + 0.5/a_{10}$
- (b) ANB= 0.2/f16+04/f4+0/a10+05/f14+0.6/f15+0.3/f111 + 0.1/5117 + 0/652.
- (c) $\overline{A} = 0.5/a_{10} + 0/b_{52} + 0/417 + 1.0/c_{5} + 1.0/c_{150} + 0.6/f_{4}$ + $0.7/f_{14} + 0.4/f_{17} + 0.8/f_{16} + 0.2/f_{41} + 1.0/k_{CBO}$
- (d) $B = \frac{1.0}{Q_{10}} + \frac{0.9}{b_{117}} + \frac{1.0}{572} +$

 $\sqrt{3} = \{-2, -1, 0, 1, 2\}$

A= 0/2+ 0/4 + 1/0+ 1/1+0/2

Y= f(x) = {10,6,2}

B = 0/10 + 1/6 + 1/2

Q4:

$$P = \begin{cases} 3_1 & 3_2 & 3_3 & 3_4 \\ 3_1 & 3_2 & 3_3 & 3_4 \\ 0.1 & 0.5 & 0.4 & 0.2 \\ 0.7 & 0.7 & 0.6 \\ 0.7 & 0.7 & 0.6 \\ 0.7 & 0.7 & 0.7 \\ 0.7 & 0.7 & 0.7 \\ 0.7 & 0.7 & 0.7 \\ 0.7 & 0.7 & 0.7 \\ 0.7 & 0.7 & 0.9 \\ 0.1$$

$$\begin{bmatrix}
0.5 \\
0.7 \\
0.6
\end{bmatrix} = \max_{0.6} M_{p}(x_{1}y_{1}) = \bigvee_{0.7} M_{p}(x_{1}y_{1})$$

$$P_{Y} = \begin{cases} 0.5 \\ 0.7 \\ 0.7 \\ 0.7 \end{cases} = \max_{X} \mathcal{M}_{P}(X_{1}, X_{2}) = \bigvee_{X} \mathcal{M}_{P}(X_{1}, X_{2})$$

Torger: PCPxxPy

 $\mathcal{M}_{p}(x,y) \leq \bigvee_{y} \mathcal{M}_{p}(x,y)$

Mp(x,y) & V Mp(x,y)

Ly Mp(x,x)] > [Y Mp(x,x)] > [V Mp(x,y)] = Mp(x) > Mp(x) = Mp(x) > Mp(x) = Mp(x) > Mp(x) = Mp