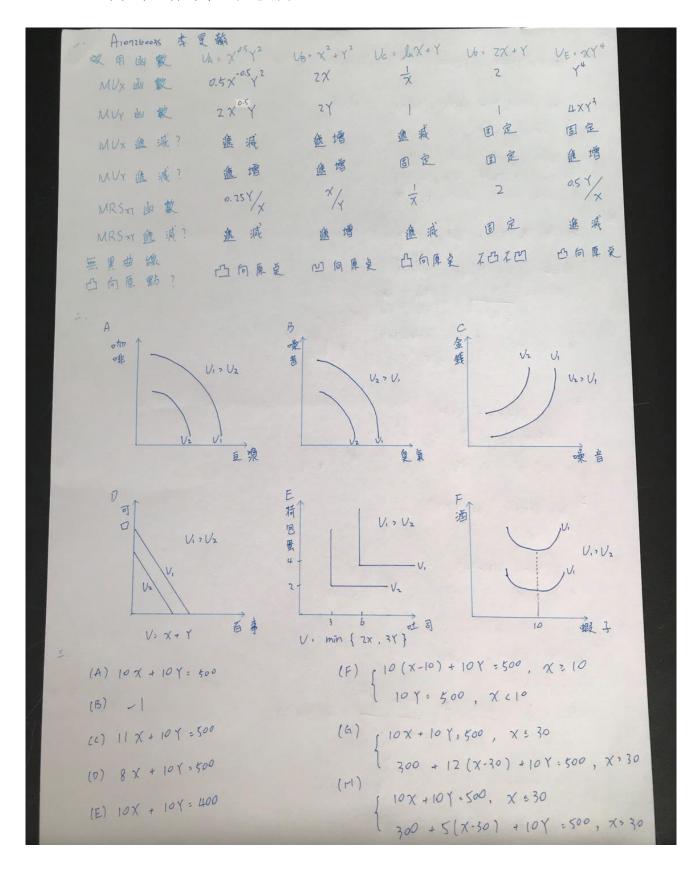
A107260035 李旻翰 作業檢討&複習全



```
(A) 60 x + 200 Y = 6200
(B) 180 (X-5) + 200Y = 6200 , X75
       200 Y = 6200 , X = 5
(c) 1 80x + 2004 = 6400, x = 50
       2007 : 7400 , 50 L X 555
         80x + 2004 = 6800 . 55 LX
   預算限制: 300 = 10×+20 Y
     MRXxx . = = x + y = . Px 10
     ⇒ X:4Y { 300: 10X+20Y 将 {X:20
Y:4X
         U: f(x,Y) . x+3Y
MR/xY = 1 . Px = 10 . 1
PY = 20 . 2
      a 7:0, Y: 15
    1 U: f(x,Y) : min (x,Y)
        Y: X
       = { 300 = 10X + 20 Y
  0 400 X + 600 Y = 12000
    V = \chi^{\frac{1}{2}} Y^{\frac{1}{2}}
MRS_{xY} : \frac{P_{X}}{P_{Y}} : \frac{400}{500} : \frac{2}{3} : \frac{\frac{1}{2}}{\chi^{\frac{1}{2}}} Y^{\frac{1}{2}}
\frac{1}{2} \chi^{\frac{1}{2}} Y^{\frac{1}{2}}
                        マ { X:13.8 (英)
```

y: 9.2 (电)