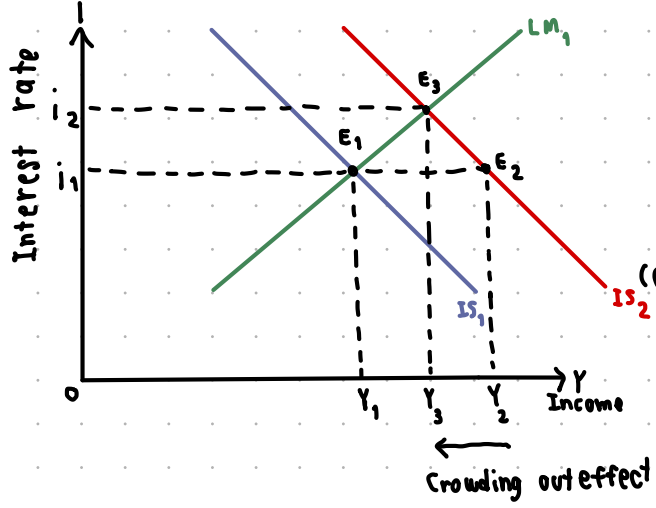
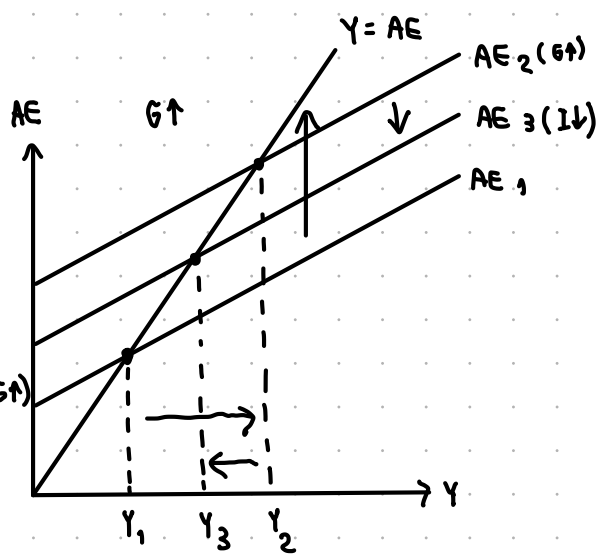


Question 1

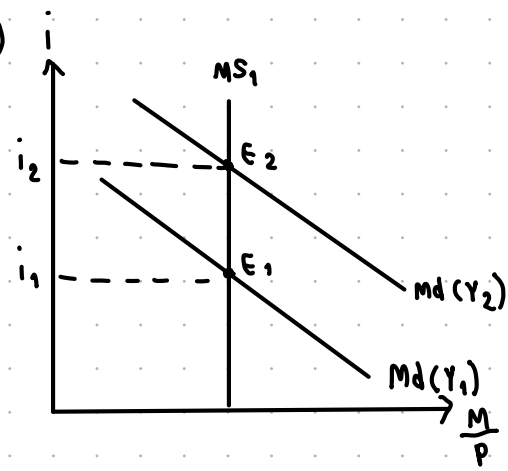
A) crowding Out Effect



Goods market



Money market



Good market $G \uparrow \rightarrow AE \uparrow (AE_1 \rightarrow AE_2) \rightarrow Y \uparrow (Y_1 \rightarrow Y_2)$

Money market $Y \uparrow \rightarrow Md \uparrow \rightarrow i \uparrow$

When G increase, Y_1 increases to Y_2 at E_2 .

However, because of higher i at E_3 ,

investment falls. As a result, Y_2 decrease to Y_3

b) Monetary policy can be used to eliminate crowding out effect

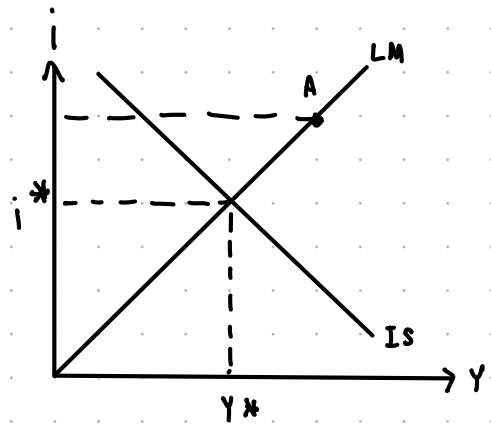
Expansionary monetary Policy : When $M \uparrow$

money market : $M \uparrow \rightarrow i \downarrow$

Goods market : $i \downarrow \rightarrow I \uparrow \rightarrow AE \uparrow \rightarrow Y \uparrow$

So the output will be higher and lower interest rate

Question 2



At A, There is excess supply in money market.

Where i is high, Bond price is cheaper.

Demand for money for speculation is low because the opportunity cost for holding money is high when i is high.

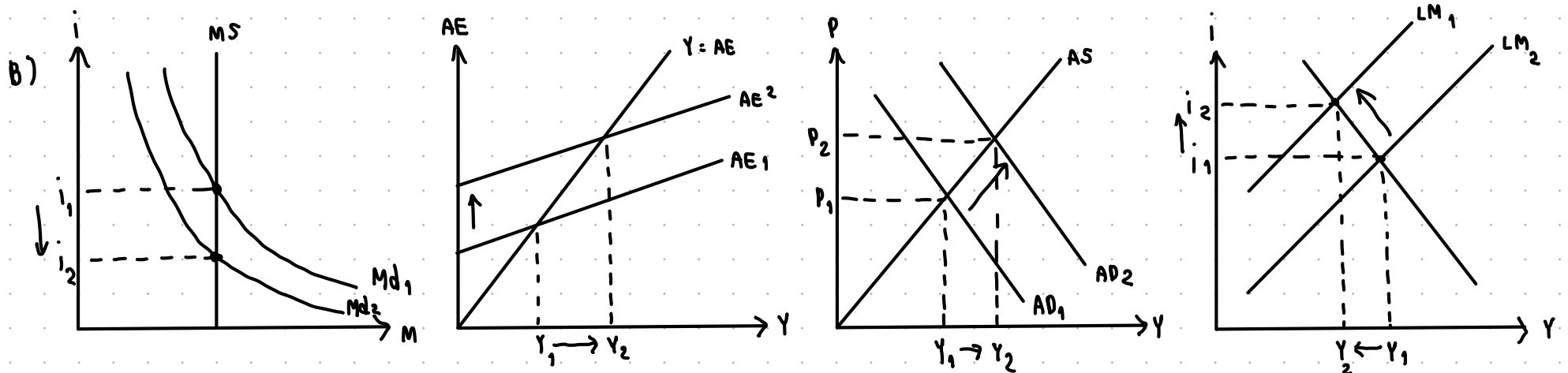
People buy more bonds for speculative purpose.

i adjusts to equilibrium ($i \downarrow$).

Question 3

A) Lower liquidity means demand for cash decrease.

This may be because of drop in price level.



• Liquidity \downarrow ($Md_1 \rightarrow Md_2$) \rightarrow ($i_1 \rightarrow i_2$)

• $i \downarrow \rightarrow$ investment $\uparrow \rightarrow AE \uparrow \rightarrow Y \uparrow$

• $AE \uparrow \rightarrow AD \uparrow$

• $P \uparrow \rightarrow LM$ shift to the left