

Final Exam Quiz

THOSE WHO COPY YOUR FRIENDS OR LET YOUR FRIENDS COPY YOU WILL BE AWARDED ZERO.

ปล ผมจดไว้แล้วนะครับว่าตอนมิดเทอมใครลอกของใคร ครั้งนี้ขอเตือนเลยที่ผมไม่ยอมแล้วนะครับ

ผมต้องลงโทษ ไม่งั้นต่อไปคงไม่มีใครอยากซื้อสตั๊ด

Submission Guide: You can upload up to 3 files on Moodle. If the whole file is too large, you should break it down and upload 3 files, each containing 1 question.

Question 1

Draw 3 diagrams (Keynesian Cross, Money Market, IS-LM) to **show and briefly explain** the followings:

- The crowding-out effect when the government increases its spending
- Another policy that can be used to avoid the crowding-out effect

Question 2

Draw the IS-LM diagram. **Pick ANY point on either the IS curve or the LM curve** (NOT the general equilibrium point). ย้ำว่าเลือกจุดไหนก็ได้ที่อยู่บนเส้น IS หรือ LM **ที่ไม่ใช่จุดตัดตรงกลางของสองกราฟ**

Use the diagram that you draw to briefly explain how the two markets at **your current point** will adjust towards the general equilibrium.

Question 3

Assume that the liquidity preference function (real money demand) is given by the $L(Y, i) = L_0 + L_Y Y - L_i i$.

Note that L_0 is **autonomous money demand**, while other terms are the same as in the lecture slides.

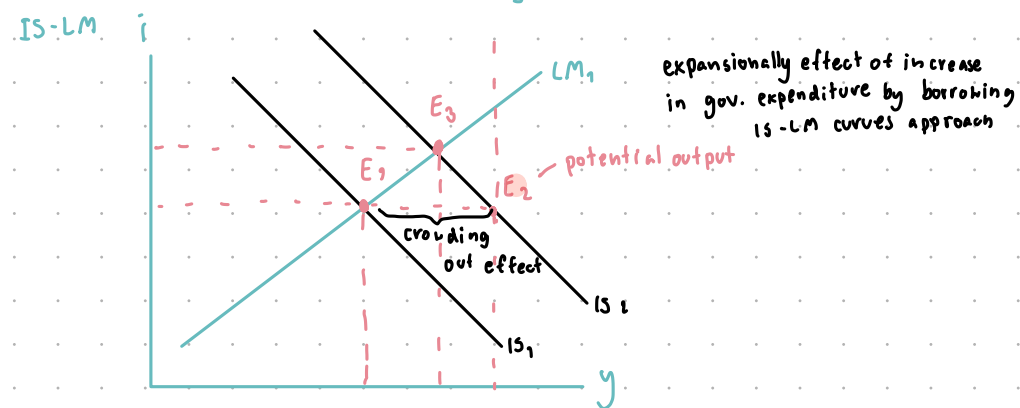
Now suppose that L_0 falls.

- Give ONE reason why this may happen.
- Show and briefly explain the effect of the fall in L_0 on the 4 diagrams (Keynesian Cross, Money Market, IS-LM, AD).

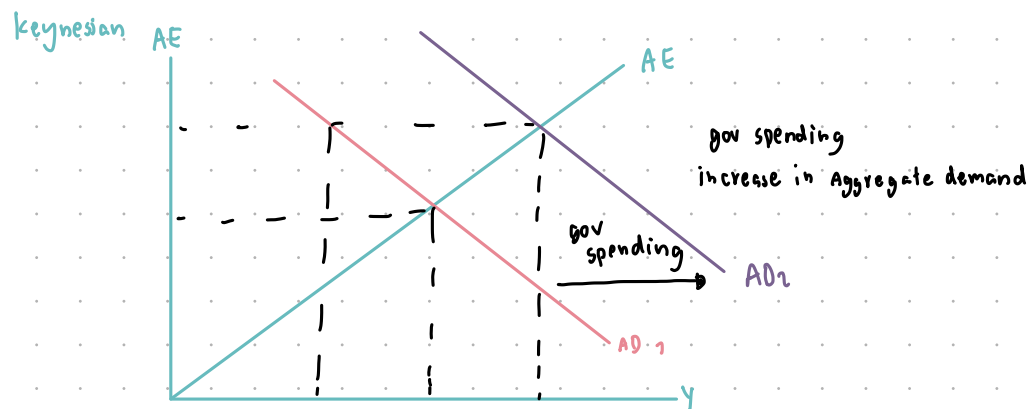
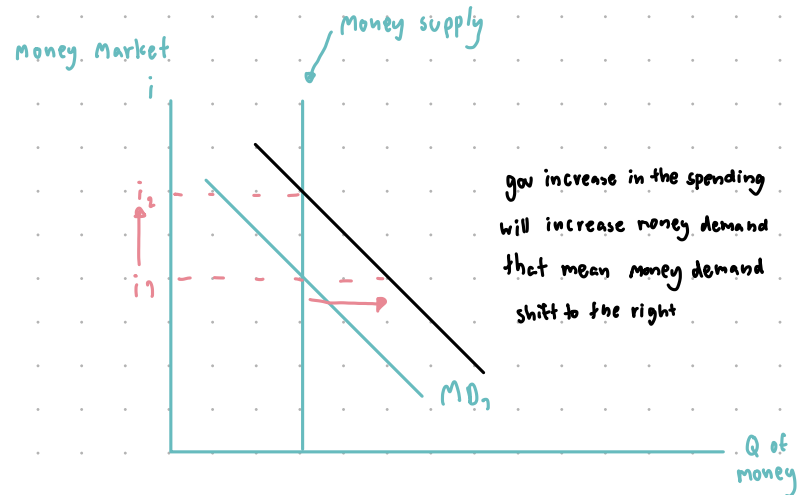
Question 1

a. The crowding-out effect when the government increases its spending

i = interest rate y = income



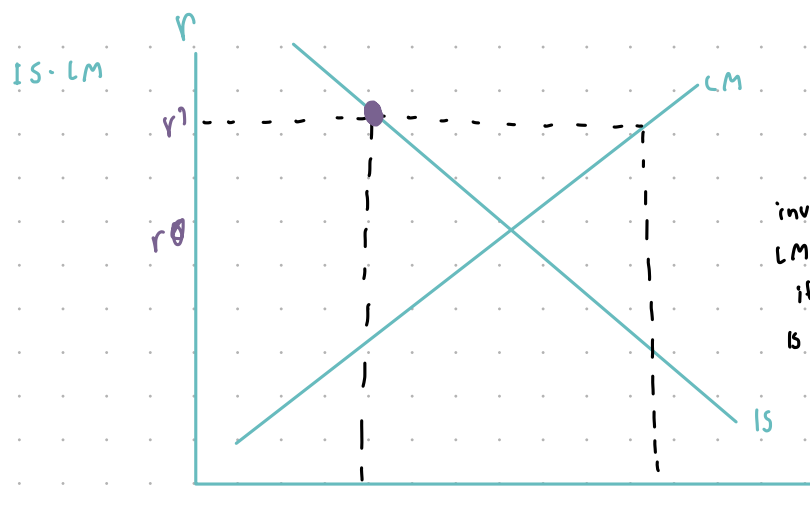
b. Another policy that can be used to avoid the crowding-out effect



Question 2

Draw the IS-LM diagram. Pick ANY point on either the IS curve or the LM curve (NOT the general equilibrium point). ย้ำว่าเลือกจุดไหนก็ได้ที่อยู่บนเส้น IS หรือ LM ที่ไม่ใช่จุดตัดตรงกลางของสองกราฟ

Use the diagram that you draw to briefly explain how the two markets at your current point will adjust towards the general equilibrium.



investment depend on interest rate
LM: Money market
if i increase y will go up
IS: Keynesian cross
 i is rising y will fall

the price level of interest rate
will be adjust and shift the point on curve
until a general equilibrium

in this case r is higher than general equilibrium

$AE > y$: firm produce more (IS)

$M_s > M_d$: bank lower (LM)

Question 3

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Note that L_0 is **autonomous money demand**, while other terms are the same as in the lecture slides.

Now suppose that L_0 falls.

- Give ONE reason why this may happen.
- Show and briefly explain the effect of the fall in L_0 on the 4 diagrams (Keynesian Cross, Money Market, IS-LM, AD).

$$L_0 + L_Y Y - L_i i \quad L_Y, L_i > 0$$

the slope of LM curve depend on L_Y and L_i
in form $y = mx + c$

- marginal propensity to consume out of income go down

