Assignment #8

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Course: Global Business Environment – Professor: Luisa Lambertini

Exercise I

a)

True.

The risk of default on Mexican public debt us

$$12\% - 5 = 7\%$$
.

We can simply subtract them because they are in the same currency (USD). We can mention the next relation

$$R_{cetes} = Rtesobonds^* + \frac{E^e}{E} - 1$$

and calculate

$$\frac{E^e}{E} - 1 = R_{cetes} - Rtesobonds^* = 35\% - 12\% = 23\%.$$

So the expected depreciation is bigger than the risk premium.

b)

True.

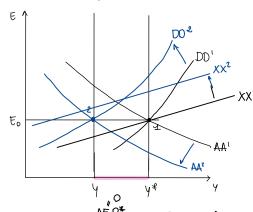
"Modern economic theory says that inflation expectations are an important determinant of actual inflation. Firms and households take into account the expected rate of inflation when making economic decisions, such as wage contract negotiations or firms' pricing decisions. All of these decisions, in turn, feed into the actual rate of increase in prices. Given that central banks are concerned with price stability, policymakers pay attention to inflation expectations in addition to actual inflation" ¹. So, it is reasonable to talk about actual inflation and inflationary expectation.

Before 2013, "The BOJ has talked about targeting inflation for years without any success, but these changes are more credible" ². Bank of Japan engaged in quantitative easing, printing a lot of new money. The goal was to help weaken the value of yen to help exports (Japanese products cheaper in international market). The central bank's plan to pump money into the economy to put back inflation back into the Japanese economy: setting inflation target to 2%. They wanted inflation because Japan has suffered for many years of deflation, which hold back investments. BOJ hopes that, putting a inflation target, people would start to spend and company to invest.

 $^{^{1}} https://www.stlouisfed.org/publications/regional-economist/april-2016/inflation-expectations-are important-to-central-bankers-too$

²https://www.bbc.com/news/business-21136866

a) Short-run equilibrium



$$\Delta CA = \Delta \underline{CA} + \alpha \frac{\Delta E P^*}{P} - mc (\Delta Y - \Delta T)$$

F = E = fixed Y = G + C + I + CA C = c (Y-T)

$$CA = \underline{CA} + \alpha \frac{EP^*}{P} - mc(Y-T)$$

Reduce the demand of domestic products

=> the DD curve shifts to the left $\overline{}$

We wont E continut - also AA moves to the left -

$$\Delta y = \Delta w$$

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C) DCA=O . Yor CA=O E 15 NOT E0 ⇒ DE≠O - Full employment >> DY=0

$$\Delta CA = \Delta CA + \alpha \frac{P^*}{P} \Delta E - MC \Delta Y \Rightarrow O = \Delta WC + \alpha \frac{P^*}{P} \Delta E \Rightarrow \Delta E = \frac{-P \Delta WC}{\alpha P^*}$$

d) Short run : change in the avocent account

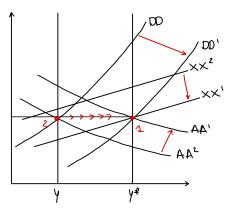
$$\Delta CA = \Delta \overline{CA} - mc \Delta y = \Delta WC - mc \frac{4 - c + mc}{4 - c + mc} = \Delta WC \left(\frac{4 + \frac{-mc}{4 - c + mc}}{4 - c + mc} \right)$$

$$= \Delta WC \left(\frac{A - c}{A - c + mc} \right)$$

e) PERHANENT => log-rowe

The economy continues fixing au o a to d are the same (they are about the <u>short-run</u>)

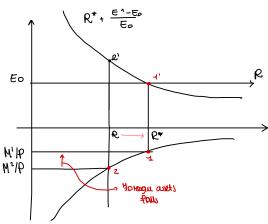
₽)



In the long run everything adouts and we go back to 12. We have jull eudonment again

The difference from the short row is represented by the fact that price one adjust.

9) CB wants Y & numediately to fixed. World a change in money supply archieve this? How Jorgan arets more?



Control bounks user jorcing exchange intervention to fix exchange roots. If CB fixes exchange modes, they country inference the exchange through momentary policy.

Ju our one ce wouts to goes bout to $Y^2 \Rightarrow ce$ wouts to incrose outputs woundately. However, when E = f(x) = f(x), woundary policy is useless and it does not affect outputs.

If co buys dometric orbets = excess in dometric Hs = toward up if E fixed

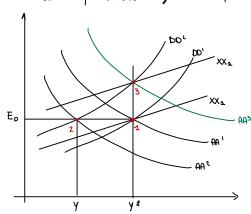
COO exists tourish oracts for gometric would \Rightarrow CB softs fourible oracts for gometric would

=> Offset! Change I'm composition of CB1) aslets

If y must 1 immediately cup to yx)

Those is a reduction in demand \Rightarrow to prevent a decrease in force interest rate and disperiotion, the cosmict sell forceign assets

R) World demand domestic pr. I permanent
Y muse diotely restorms to full employment => devaluation



=> shift in AA concue

y want DY=0

$$\beta y = c \beta y + \Delta c + \alpha \frac{p^*}{p} \Delta \bar{\epsilon} - m c \Delta y$$

$$\Delta w D + \frac{p^*}{p} u \Delta \bar{\epsilon} = 0$$