

<p>22. [3,5%] Identify the five basic components of aggregate demand and explain, for each component, if increasing or reducing it causes a fall in GDP in the aggregate supply and aggregate demand model.</p>	
<p>23. [2,5%] Why in the currency market where dollars are exchanged for euros the demand for euros is equivalent to the supply of dollars?</p>	
<p>24. [9%] Consider president Trump's tweet on the right. Explain with the help of the aggregate supply, aggregate demand model whether raising taxes and increase regulations have a negative impact on GDP and employment.</p>	<p>Donald J. Trump  @realDonaldTrump </p> <p>U.S.A. Jobs numbers are the BEST in 44 years. If my opponent (the Democrats) had won the election, they would have raised taxes substantially and increased regulations - the economy, and jobs, would have been a disaster!</p> <p>13:45 - 15 Jun 2018</p>
<p>25. [10%] Consider president Trump's tweet on the right.</p> <p>(i) Explain if it is harmful for a country running for decades a sizeable trade deficit.</p> <p>(ii) Explain how an increase in US tariffs by the Trump administration would affect the US trade deficit. What if the rest of the world also raised tariffs?</p>	<p>Donald J. Trump  @realDonaldTrump </p> <p>Why should I, as President of the United States, allow countries to continue to make Massive Trade Surpluses, as they have for decades, while our Farmers, Workers & Taxpayers have such a big and unfair price to pay? Not fair to the PEOPLE of America! \$800 Billion Trade Deficit...</p> <p>3:17 - 11 jun. 2018</p>
<p>26. [6%] Consider president Trump's tweet on the right. Explain in what sense high oil prices are not good (if you do not believe that high oil prices are not good, explain why).</p>	<p>Donald J. Trump  @realDonaldTrump </p> <p>Oil prices are too high, OPEC is at it again. Not good!</p> <p>13:52 - 13 Jun 2018</p>

27. [17%] There are two periods, 1 and 2. In 1, **M1** is 500. The monetary base is 100. Reserves are 50. In 2, **M1**, the monetary base and reserves double their values from period 1. In each period, the velocity of circulation of money duplicates the money multiplier. In period 1, the nominal interest rate is 1%, the inflation rate is 2% and the unemployment rate is 3%. In period 2, the nominal interest rate is 3%, the unemployment rate is 2% and the inflation rate is 1%. Before any calculation, write the formulae or definitions that justify the calculations.

(i) For each period, calculate the money multiplier, deposits, cash in the hands of the public, and the liquidity and the reserve ratios.

(ii) For each period, calculate nominal GDP, real GDP and the rate of change of the money stock.

(iii) If, during period 1, foreign CPI and the nominal exchange rate do not change, explain whether the real exchange rate increases, decreases, remains constant or there is insufficient information to ascertain it.

(iv) Given the information in part (iii), explain if the purchasing power parity exchange rate goes up or down.

(v) Explain if what happens during periods 1 and 2 contradicts the Phillips curve.

(vi) Explain if what happens during periods 1 and 2 contradicts the Fisher effect.

28. [3%] Explain something that the interest and exchange rates have in common and something that differentiates them. Explain if a rise in the interest rate tends to lower or raise the exchange rate.

29. [9%] Economies A and B have the same currency.

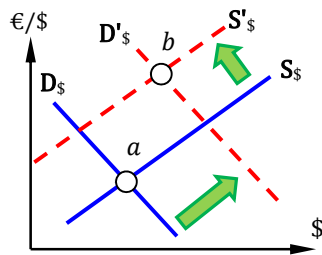
(i) Use a graphical representation of the liquidity market model to find, and explain, the effect on the interest rates in A and B of the following: an expansionary open market operation is conducted in A, which is followed by capital flight from A to B (this capital flight takes initially the form of a sale of financial assets in A and next consists of a purchase of financial assets in B).

(ii) Explain whether an expansionary or a contractionary open market operation would be required in B to make the interest rate in B equal to the interest rate in A, taking into account the events described in part (i).

30. [9%] (i) Explain which market is represented in the figure on the right.

(ii) Explain if, in the passage from *a* to *b*, the euro appreciates or depreciates.

(iii) Suggest an event that could justify the transition from *a* to *b* and explain why the event shifts the two functions as shown.



31. [9%] Consider economies A and B.

(i) Explain which economy has a larger GDP if A's government conducts an expansionary fiscal policy and B's conducts a contractionary fiscal policy.

(ii) Use a graphical representation of the aggregate supply and aggregate demand model to show the effect on A's macroeconomic equilibrium of the fact that economy B becomes part of economy A. Explain the changes that the integration of B in A would cause in A's aggregate supply and aggregate demand functions.