

Practice Final Exam

EC 380 - International Economic Issues

Winter 2025

Give every question your best attempt.
Best of luck.
You got this!

Name: _____ 95#: _____

The maximum amount of points on this exam is 90 points. You have a total of 2hrs (120 minutes) to complete the exam. The only items allowed on your desk at any time are a pen and/or pencil, scratch paper, a 3x5 note card, and a calculator. Everything else must be stored in your bag underneath your desk. Any form of cheating will result on a zero on the exam.

There are three sections to be completed:

- **Multiple Choice:** 4 Questions
- **Short Answer Questions:** 2 Questions
- **Multi-Part Analysis Questions:** 1 Question (3 parts)

Point totals and question specific instructions are listed for each section. Please ask for clarification if a question is not clear to you.

The exam packet is a total of 4 pages. There are 6 pages of the exam + 2 pages for scratch paper. **Please verify you have all 4 in your exam. If you do not, let me know immediately.**

Multiple Choice

Circle or "X" the answer you think most correctly answers the following questions. If you mark a choice and would like to change it, **clearly indicate which one is your correct answer**.

1. [4 points] Suppose a given country maintains a highly unsustainable current account deficit and exhibits all the signs of a looming economic crash. Why might neighboring countries and those invested in said country be concerned about this?
 - A. They have no reason to be concerned.
 - B. They face greater risk of negative spillovers
 - C. They care about their neighbors
 - D. It depends on whether the neighboring countries are in a deficit

2. [4 points] Consider the case in where the USD-EUR exchange rate is equal to 1.05. What is the value of the **EUR-USD** exchange rate?
 - A. 0.05
 - B. 1.95
 - C. 0.95
 - D. Need to know more about the demand and supply of EUR in the US

3. [4 points] Recall the formula to calculate the payoff of a bond: $P \times (1 + i)^n$. What does the n stand for?
 - A. The annual dividend yield of the bond
 - B. The current market price of the bond
 - C. Years the bond accrues interest before maturing
 - D. The amount of bonds purchased

4. [4 points] If a country is labeled as a net borrower, what does this suggest about the value/sign of the **current account balance**?
 - A. The current account balance is zero
 - B. Current account balance does not account for borrowing/lending
 - C. The current account balance is likely negative
 - D. The current account balance is likely positive

Short Answer

Answer the following questions to the best of your ability. For full credit, show all of your work and clearly indicate your final solution for each party by circling the answer.

5. [5 points] Why are multinational firms particularly exposed to exchange rate risk? How do can they hedge themselves away from this risk?
6. [5 points] What did **NAFTA** do to address immigration between the US and Mexico?
7. [5 points] Write the mathematical formula for the **interest rate parity relationship**. Identify each variable and explain the relationship intuitively.

Multi-Part Analysis

Answer the following questions to the best of your ability. For full credit, **show all of your work and clearly indicate your final solution** for each part by circling the answer.

8. Consider the following demand and supply curves of foreign currency, where **ExR** represents the local to foreign currency exchange rate. **FC** represents the units of foreign currency reserves held in the “local” economy.

$$\text{Demand: } \text{ExR} = 180 - 0.290\text{FC} \quad ; \quad \text{Supply: } \text{ExR} = 50 + 0.251\text{FC}$$

- (a) [10 points] What is the **market clearing rate of exchange and level of foreign currency reserves**?

- (b) [5 points] Consider a case in which a large cache of foreign currency is discovered following an audit of local steel factories, causing foreign currency reserves to increase in supply by 40 units. This increase in supply is represented on the supply curve as $S' = S - 40$. What are the **new exchange rate and currency reserve values**?

- (c) [10 points] Draw a graph that represents the supply and demand of a foreign currency. In this graph, show the dynamics found in the previous steps. **Label everything properly. Since you have found equilibrium values, be sure to use those values.**

