***Macroeconomics,* 8e (Abel/Bernanke/Croushore)**

**Chapter 1 Introduction to Macroeconomics**

1.1 What Macroeconomics Is About

1) The two major reasons for the tremendous growth in output in the U.S. economy over the last 125 years are

A) population growth and low inflation.

B) population growth and increased productivity.

C) low unemployment and low inflation.

D) low inflation and low trade deficits.

Answer: B

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

2) The main reason that the United States has such a high standard of living is

A) low unemployment.

B) high average labor productivity.

C) low inflation.

D) high government budget deficits.

Answer: B

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

3) Average labor productivity is the

A) amount of workers per machine.

B) amount of machines per worker.

C) ratio of employed to unemployed workers.

D) amount of output per worker.

Answer: D

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

4) In analyzing macroeconomic data during the past year, you have discovered that average labor productivity fell, but total output increased. What was most likely to have caused this?

A) There is nothing unusual in this outcome because this is what normally occurs.

B) The capital/output ratio probably rose.

C) There was an increase in labor input.

D) Unemployment probably increased.

Answer: C

Diff: 2

Topic: Section: 1.1

Question Status: Previous Edition

5) In which of the following periods did average labor productivity in the United States grow the fastest?

A) 1929 to 1935

B) 1949 to 1973

C) 1973 to 1995

D) 1995 to 2008

Answer: B

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

6) The most direct effect of an increase in the growth rate of average labor productivity would be an increase in

A) the inflation rate.

B) the unemployment rate.

C) the long-run economic growth rate.

D) imported goods.

Answer: C

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

7) Short-run contractions and expansions in economic activity are called

A) recessions.

B) expansions.

C) deficits.

D) the business cycle.

Answer: D

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

8) When national output rises, the economy is said to be in

A) an expansion.

B) a deflation.

C) an inflation.

D) a recession.

Answer: A

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

9) Which of the following best describes a typical business cycle?

A) Economic expansions are followed by economic contractions.

B) Inflation is followed by unemployment.

C) Trade surpluses are followed by trade deficits.

D) Stagflation is followed by inflationary economic growth.

Answer: A

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

10) During recessions, the unemployment rate \_\_\_\_\_\_\_\_ and output \_\_\_\_\_\_\_\_.

A) rises; falls

B) rises; rises

C) falls; rises

D) falls; falls

Answer: A

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

11) The number of unemployed divided by the labor force equals

A) the inflation rate.

B) the labor force participation rate.

C) the unemployment rate.

D) the misery index.

Answer: C

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

12) The unemployment rate is the

A) number of unemployed divided by the number of employed.

B) number of employed divided by the number of unemployed.

C) number of unemployed divided by the labor force.

D) labor force divided by the number of unemployed.

Answer: C

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

13) The highest and most prolonged period of unemployment in the United States over the last 125 years occurred during

A) World War II.

B) the 1890s Depression.

C) the 1990-1991 recession.

D) the Great Depression of the 1930s.

Answer: D

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

14) During the Great Depression, the unemployment rate for the United States peaked at approximately

A) 10%.

B) 70%.

C) 45%.

D) 25%.

Answer: D

Diff: 2

Topic: Section: 1.1

Question Status: Previous Edition

15) A country is said to be experiencing inflation when

A) prices of most goods and services are rising over time.

B) prices of most goods and services are falling over time.

C) total output is rising over time.

D) total output is falling over time.

Answer: A

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

16) From 1800 to 1940, the price level in the United States

A) trended neither upward nor downward.

B) fluctuated wildly.

C) declined slowly.

D) increased slowly.

Answer: A

Diff: 2

Topic: Section: 1.1

Question Status: Previous Edition

17) Before World War II, the average level of prices in the United States usually

A) fell during wartime and rose during peacetime.

B) fell during wartime and fell during peacetime.

C) rose during wartime and fell during peacetime.

D) rose during wartime and rose during peacetime.

Answer: C

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

18) A country is said to be experiencing deflation when

A) prices of most goods and services are rising over time.

B) prices of most goods and services are falling over time.

C) total output is rising over time.

D) total output is falling over time.

Answer: B

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

19) The inflation rate is the

A) percent increase in the average level of prices over a year.

B) percent increase in output over a year.

C) percent increase in the unemployment rate over a year.

D) price level divided by the level of output.

Answer: A

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

20) If the price level was 100 in 2009 and 102 in 2010, the inflation rate was

A) 102%.

B) 20%.

C) 2%.

D) 0.2%.

Answer: C

Diff: 2

Topic: Section: 1.1

Question Status: Previous Edition

21) A closed economy is a national economy that

A) doesn't interact economically with the rest of the world.

B) has a stock market that is not open to traders from outside the country.

C) has extensive trading and financial relationships with other national economies.

D) has not established diplomatic relations with other national economies.

Answer: A

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

22) An open economy is a national economy that

A) doesn't interact economically with the rest of the world.

B) has a stock market that is open to traders from anywhere in the world.

C) has extensive trading and financial relationships with other national economies.

D) has established diplomatic relations with most other national economies.

Answer: C

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

23) An economy that doesn't interact economically with the rest of the world is called \_\_\_\_\_\_\_\_ economy.

A) a closed

B) an open

C) a surplus

D) an authoritarian

Answer: A

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

24) U.S. imports are goods and services

A) produced abroad and sold to Americans.

B) produced in the United States and sold to Americans.

C) produced abroad and sold to foreigners.

D) produced in the United States and sold to foreigners.

Answer: A

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

25) Following World War I and World War II, the United States had a

A) small trade surplus.

B) small trade deficit.

C) large trade deficit.

D) large trade surplus.

Answer: D

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

26) In the 1980s, 1990s, and 2000s, the United States has had a

A) small trade surplus.

B) small trade deficit.

C) large trade deficit.

D) large trade surplus.

Answer: C

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

27) A country has a trade surplus when

A) imports exceed exports.

B) imports equal exports.

C) exports exceed imports.

D) imports equal zero.

Answer: C

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

28) A country has a trade deficit when

A) imports exceed exports.

B) imports equal exports.

C) exports exceed imports.

D) exports are zero.

Answer: A

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

29) Data on exports and imports for the United States over the period from 1890 to 2008 show that

A) the United States had large trade deficits throughout this entire period.

B) the United States had large trade surpluses throughout this entire period.

C) the percentage of total output exported by U.S. firms fell dramatically during World War I and World War II.

D) a higher percentage of U.S. goods was exported in recent years than in earlier years.

Answer: D

Diff: 2

Topic: Section: 1.1

Question Status: Previous Edition

30) A central bank is an institution that

A) pays for government expenditures.

B) controls a nation's monetary policy.

C) runs a country's stock market.

D) determines a nation's fiscal policy.

Answer: B

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

31) In the United States, monetary policy is determined by

A) the Federal Reserve.

B) the president.

C) private citizens.

D) the Treasury Department.

Answer: A

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

32) The peak in U.S. government spending as a percent of GDP occurred during

A) World War II.

B) the 1960s war on poverty.

C) the Great Depression.

D) the war against Iraq in the 2000s.

Answer: A

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

33) Why were the U.S. government budget deficits of the 1980s and early 1990s so unusual from a historical point of view?

A) It was the first time the U.S. government had ever run deficits.

B) In the past, deficits were usually that large only in wartime.

C) It was the first time that deficits were accompanied by very high rates of inflation.

D) It was the first time that deficits diverted funds from other productive uses, such as investment in modern equipment.

Answer: B

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

34) Critics of the government's fiscal policies argued that government deficits

A) prevented capital from flowing into the United States.

B) were linked to the excess of imports over exports that occurred in the 1980s.

C) caused the level of unemployment in the United States to increase during the 1980s.

D) had directly contributed to a decline in the level of demand in the American economy.

Answer: B

Diff: 2

Topic: Section: 1.1

Question Status: Previous Edition

35) The difference between microeconomics and macroeconomics is that

A) microeconomics looks at supply and demand for goods, macroeconomics looks at supply and demand for services.

B) microeconomics looks at prices, macroeconomics looks at inflation.

C) microeconomics looks at individual consumers, macroeconomics looks at national totals.

D) microeconomics looks at national issues, macroeconomics looks at global issues.

Answer: C

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

36) Aggregation is the process of

A) calculating real GDP based on nominal GDP and the price index.

B) summing individual economic variables to obtain economywide totals.

C) forecasting the components of GDP.

D) predicting when recessions will occur.

Answer: B

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

37) What are the major factors affecting the long-term growth of the economy's output?

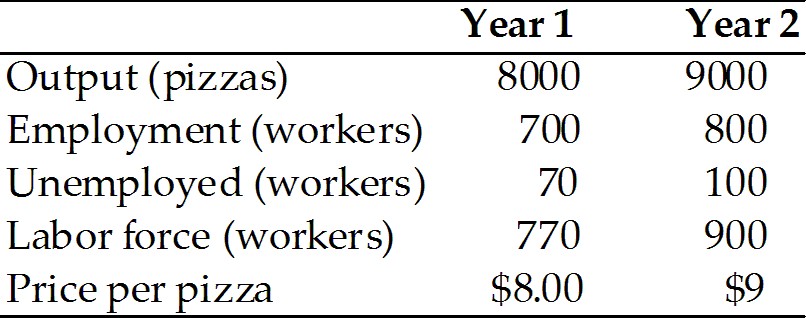
Answer: The major factors are population growth and average labor productivity.

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

38) Macroeconomic information for the economy of Anchovy is given below.



(a) What was the growth rate of average labor productivity in Anchovy between Year 1 and Year 2?

(b) What was the inflation rate in Anchovy between Year 1 and Year 2?

(c) What was the unemployment rate in Year 1? In Year 2?

Answer:

(a) Average labor productivity: Year 1: 8000/700 = 80/7; Year 2: 9000/800 = 90/8; growth rate = [(90/8)/(80/7)] - 1 = -0.016 = -0.16%

(b) Inflation rate: (9/8) - 1 = 0.125 = 12.5%

(c) Unemployment rates: Year 1: 70/770 = 0.091 = 9.1%; Year 2: 100/900 = 0.111 = 11.1%

Diff: 2

Topic: Section: 1.1

Question Status: Previous Edition

39) Using the CPI measure of the price level, which is 100 in the base year of 2007, calculate the annual inflation rates for

(a) 2008, when the index is 103.7.

(b) 2009, when the index is 105.5.

(c) 2010, when the index is 107.7.

Answer:

(a) Inflation in 2008 = (103.7 - 100)/100 × 100% = 3.7%.

(b) Inflation in 2009 = (105.5 - 103.7)/100 × 100% = 1.7%.

(c) Inflation in 2010 = (107.7 - 105.5)/100 × 100% = 2.1%.

Diff: 2

Topic: Section: 1.1

Question Status: Revised

40) What is meant by *aggregation*? Why is aggregation important for macroeconomic analysis?

Answer: Aggregation refers to the process of adding together individual economic variables to obtain economywide totals. Aggregation distinguishes microeconomics from macroeconomics. It allows us to study the economy as a whole, rather than looking at its individual parts.

Diff: 1

Topic: Section: 1.1

Question Status: Previous Edition

1.2 What Macroeconomists Do

1) A country that has many well-trained macroeconomic analysts will not necessarily have more beneficial macroeconomic policies because

A) economists' understanding of the economy remains poor.

B) there are few ways in which economists' complex models can be applied to the real world.

C) economists agree on so few government policies.

D) economic policy is usually made by politicians, not economists.

Answer: D

Diff: 1

Topic: Section: 1.2

Question Status: Previous Edition

2) Many people perceive erroneously that most macroeconomists spend a lot of time engaged in

A) forecasting.

B) macroeconomic research.

C) macroeconomic analysis.

D) data development.

Answer: A

Diff: 1

Topic: Section: 1.2

Question Status: New

3) The main goal of macroeconomic research is to

A) predict how the macroeconomy will perform in the future.

B) analyze current macroeconomic data.

C) develop new data that can be used to understand better the operation of the economy.

D) make general statements about how the economy works.

Answer: D

Diff: 1

Topic: Section: 1.2

Question Status: Previous Edition

4) A set of ideas about the economy that have been organized in a logical framework is called

A) empirical analysis.

B) a methodology.

C) economic theory.

D) data development.

Answer: C

Diff: 1

Topic: Section: 1.2

Question Status: Previous Edition

5) Assumptions for economic theories and models should be

A) rejected if they are not totally realistic.

B) logical rather than empirically testable.

C) simple and reasonable rather than complex.

D) maintained until overwhelming evidence to the contrary occurs.

Answer: C

Diff: 1

Topic: Section: 1.2

Question Status: Previous Edition

6) Testing a theory by comparing the theory's implications with data obtained in the real world is called

A) empirical analysis.

B) descriptive calibration.

C) historical variance analysis.

D) univariate analysis.

Answer: A

Diff: 1

Topic: Section: 1.2

Question Status: New

7) If the theory behind an economic model fits the data poorly, you would probably want to

A) use the theory to predict what would happen if the economic setting or economic policies change.

B) start from scratch with a new model.

C) enrich the model with additional assumptions.

D) restate the research question.

Answer: B

Diff: 2

Topic: Section: 1.2

Question Status: Previous Edition

8) Why is macroeconomic forecasting so difficult? Does this difficulty mean economics is a worthless field of study?

Answer: Forecasting is difficult because our understanding of how the economy works is imperfect and because it's impossible to take into account all the factors that might affect future economic trends. This just means the field of economics is difficult and complex, not that it's worthless.

Diff: 1

Topic: Section: 1.2

Question Status: New

9) Match each of the following jobs to its major area: forecasting, analysis, research, or data development. Explain your answers.

(a) Economist at university, testing theories about the efficient allocation of resources in the foreign exchange market

(b) Economist at Wall Street firm trying to predict the rate of inflation next year using past data

(c) Economist at auto firm looking at demand for new automobiles

(d) Economist at the International Trade Commission trying to determine whether foreign firms are dumping goods in the United States

(e) Economist at the Commerce Department developing new methods for calculating price indexes

(f) Economist consulting in Eastern Europe about how to set up free-market financial systems.

Answer:

(a) Research

(b) Forecasting

(c) Analysis

(d) Analysis

(e) Data development

(f) Analysis

Diff: 2

Topic: Section: 1.2

Question Status: Previous Edition

10) Briefly describe the following tasks of macroeconomists: forecasting; analysis; research; and data development.

Answer:

(a) Forecasting. Macroeconomists develop models to predict the future values of macroeconomic variables in one or more markets. These models are usually based on economic theory but are statistical in form and estimated using macroeconomic data.

(b) Analysis. Macroeconomists analyze changes in macroeconomic policies as well as other changes in macroeconomic market conditions. This analysis is based on economic theory, uses analytic reasoning techniques, and may rely on forecasting models.

(c) Research. The goal of macroeconomic research is to make general statements about how the economy works. Research economists formulate and test theories.

(d) Data development. Macroeconomic data development provides the data needed in macroeconomic research, analysis, and forecasting. Most macroeconomic data are collected and published by the government.

Diff: 1

Topic: Section: 1.2

Question Status: New

1.3 Why Macroeconomists Disagree

1) Positive analysis of economic policy

A) examines the economic consequences of policies but does not address the question of whether those consequences are desirable.

B) examines the economic consequences of policies and addresses the question of whether those consequences are desirable.

C) generates less agreement among economists than normative analysis.

D) is rare in questions of economic policy.

Answer: A

Diff: 1

Topic: Section: 1.3

Question Status: Previous Edition

2) Which of the statements below is primarily normative in nature?

A) There is an unequal distribution of income in the United States.

B) The distribution of income is more unequal in the United States than it is in Japan.

C) The inequality of income that exists in the United States is partly caused by an unequal distribution of wealth.

D) The distribution of income in the United States should be more equal than it is.

Answer: D

Diff: 2

Topic: Section: 1.3

Question Status: New

3) Equilibrium in the economy means

A) unemployment is zero.

B) quantities demanded and supplied are equal in all markets.

C) prices are not changing over time.

D) tax revenues equal government spending, so the government has no budget deficit.

Answer: B

Diff: 1

Topic: Section: 1.3

Question Status: Previous Edition

4) Adam Smith's idea of the "invisible hand" says that given a country's resources and its initial distribution of wealth, the use of markets will

A) insulate a nation from the effects of political instability.

B) eliminate problems of hunger and dissatisfaction.

C) eliminate inequalities between the rich and the poor.

D) make people as economically well off as possible.

Answer: D

Diff: 1

Topic: Section: 1.3

Question Status: Previous Edition

5) The two most comprehensive, widely accepted macroeconomic models are

A) the classical model and the supply-side model.

B) the supply-side model and the real business cycle model.

C) the classical model and the Keynesian model.

D) the Austrian model and the Keynesian model.

Answer: C

Diff: 1

Topic: Section: 1.3

Question Status: Previous Edition

6) Classical economists argue that

A) the government should have an active role in the economy.

B) government policies will be ineffective and counterproductive.

C) the government should actively intervene in the economy to eliminate business cycles.

D) wages and prices don't adjust quickly, so the economy is slow to return to equilibrium.

Answer: B

Diff: 2

Topic: Section: 1.3

Question Status: Previous Edition

7) The classical approach to macroeconomics assumes that

A) wages, but not prices, adjust quickly to balance quantities supplied and demanded in markets.

B) wages and prices adjust quickly to balance quantities supplied and demanded in markets.

C) prices, but not wages, adjust quickly to balance quantities supplied and demanded in markets.

D) neither wages nor prices adjust quickly to balance quantities supplied and demanded in markets.

Answer: B

Diff: 1

Topic: Section: 1.3

Question Status: New

8) John Maynard Keynes disagreed with the classical economists because he believed that

A) wages and prices adjust slowly.

B) international trade plays a major role in the macroeconomy.

C) government intervention in the economy cannot reduce business cycles.

D) unemployment will be eliminated quickly by the invisible hand of the market.

Answer: A

Diff: 1

Topic: Section: 1.3

Question Status: New

9) Keynes was motivated to create a macroeconomic theory different from classical theory because

A) he believed in government intervention in the economy.

B) he believed in the idea of the invisible hand.

C) monetary policy was more important than the classicals acknowledged.

D) classical theory was inconsistent with the data in the Great Depression.

Answer: D

Diff: 1

Topic: Section: 1.3

Question Status: Previous Edition

10) Keynes assumed that wages and prices were slow to adjust in order to explain

A) persistently high unemployment.

B) high inflation.

C) the high level of interest rates.

D) why inflation fell in recessions.

Answer: A

Diff: 2

Topic: Section: 1.3

Question Status: Previous Edition

11) How did Keynes propose to solve the problem of high unemployment?

A) Increase the growth rate of the money supply.

B) Allow wages to decline, so that firms will want to hire more workers.

C) Put on wage and price controls, so wages won't rise and firms won't have to lay people off to cut costs.

D) Have the government increase its demand for goods and services.

Answer: D

Diff: 2

Topic: Section: 1.3

Question Status: Previous Edition

12) The primary factor that caused most economists to lose their faith in the classical approach to macroeconomic policy was

A) the high levels of unemployment that occurred during the Great Depression.

B) the presence of both high unemployment and high inflation during the 1970s.

C) the theoretical proof that classical ideas were invalid.

D) the evidence that classical ideas were useful during economic booms, but not during economic recessions.

Answer: A

Diff: 2

Topic: Section: 1.3

Question Status: Previous Edition

13) The primary factor that caused some economists to lose their faith in the Keynesian approach to macroeconomic policy was

A) the high levels of unemployment that occurred during the Great Depression.

B) the presence of both high unemployment and high inflation during the 1970s.

C) theoretical proof that Keynes's ideas were invalid.

D) evidence that Keynes's ideas were useful during economic recessions, but not during economic booms.

Answer: B

Diff: 2

Topic: Section: 1.3

Question Status: Previous Edition

14) Determine whether each of the following is a positive or normative statement.

(a) The Fed should lower interest rates to increase economic growth, because we're in a recession.

(b) Higher government budget deficits cause higher interest rates.

(c) The trade deficit should decline because of the fall in the value of the dollar.

(d) Because of our high inflation rate, we must reduce the rate of money growth.

(e) A generous unemployment insurance system is a primary cause of high unemployment in Europe.

(f) Increased average labor productivity in a country should lead to faster growth.

(g) Government budget deficits are too high in the United States and should be reduced.

Answer:

(a) Normative

(b) Positive

(c) Positive

(d) Normative

(e) Positive

(f) Positive

(g) Normative

Diff: 2

Topic: Section: 1.3

Question Status: New

15) Why is wage and price flexibility crucial to the idea of the "invisible hand?"

Answer: Wage and price flexibility is crucial because in a free-market system, changes in wages and prices are the signals that coordinate the actions of people and businesses in the economy.

Diff: 1

Topic: Section: 1.3

Question Status: Previous Edition

16) Compare and contrast the classical and Keynesian schools of thought for the following economic issues.

(a) The flexibility of wages and prices.

(b) The importance of macroeconomic policies.

Answer:

(a) The flexibility of wages and prices is a principal point of disagreement between classical economists and Keynesians. Classical economists believe that wages and prices are quite flexible; in response to a change in market conditions, wages and prices adjust quickly to their new market-clearing levels. Keynesians believe that wages and prices are rigid or sticky; in response to changes in the economy, wages and prices adjust slowly to their new market-clearing levels.

(b) Classicals and Keynesians also disagree about the use of macroeconomic policies. Given wage-price flexibility, classical economists believe that the market economy normally provides for full employment. They believe that government intervention in the form of macroeconomic fiscal and monetary policies is not needed to prevent recessions. Given slow adjustments in wages and prices, Keynesians believe that recessions could plague the economy for several years. They believe that efficient use of macroeconomic policies could return the economy to equilibrium more quickly.

Diff: 2

Topic: Section: 1.3

Question Status: Previous Edition

17) In 1993, the debate heated up in the United States about the North American Free Trade Agreement (NAFTA), which proposed to reduce barriers to trade (such as taxes on or limits to imports) among Canada, the United States, and Mexico. Some people opposed strongly the agreement, arguing that an influx of foreign goods under NAFTA would disrupt the U.S. economy, harm domestic industries, and throw American workers out of work. How might a classical economist respond to these concerns? Would you expect a Keynesian economist to be more or less sympathetic to these concerns than the classical economist? Why?

Answer: A classical economist might argue that the economy would work more efficiently with NAFTA because it reduces trade barriers, making the invisible hand work even better. Workers could specialize even more than before so that total output produced by all three countries would be more. Though the industrial mix might change in each country, wages and prices across industries would adjust quickly, and people in industries that closed down in a particular country would quickly find new jobs.

A Keynesian economist might be more sympathetic to concerns about NAFTA because of the belief that adjustment to the changes will not occur quickly. As a result, people in particular industries in a country may become unemployed. Wages won't adjust quickly to restore full employment, so some government action (like retraining programs to give displaced workers new skills) may be desirable.

Diff: 2

Topic: Section: 1.3

Question Status: Previous Edition