Full Download: http://alibabadownload.com/product/macroeconomics-3rd-edition-jones-test-bank/

CHAPTER 2: Measuring the Macroeconomy

MULTIPLE CHOICE

1.	Who led the team that created the ora. John M. Keynesb. Paul A. Samuelsonc. William D. Nordhaus	d. Sim	ome and Product A on Kuznets ton Friedman	Accounts in the 1930s?
	ANS: D DIF: Easy MSC: Remembering	REF: 2.1	TOP:	I.
2.	Which measure of overall economic a. Stock prices b. GDP c. Industrial production ANS: B DIF: Easy	d. Stee	ailable in the 193 el production d prices TOP:	
3.	MSC: Understanding The National Income and Product Aca. aggregating the production of all activity b. aggregating the production of all c. aggregating the production of all d. aggregating the production of medical aggregating the production of all aggregating the production of aggregating the production of aggregating the production of aggregating the production aggregating	goods and services goods into a single services into a single	e measure of econgle measure of econg	nomic activity onomic activity
	activity e. aggregating the production of all activity ANS: A DIF: Easy	goods and services REF: 2.1	s into two measur TOP:	
4.	MSC: Understanding In 2012, U.S. national output was eq a. \$15.7 billion b. \$15.7 trillion c. \$50,000	d. \$10	trillion .1 million	
	ANS: B DIF: Easy MSC: Remembering	REF: 2.2	TOP:	П.
5.	In 2012, U.S. national output per per a. \$15.7 billion b. \$43,000 c. \$50,000	son was equal to ab d. \$12 e. \$80	,000	
	ANS: C DIF: Easy MSC: Remembering	REF: 2.2	TOP:	II.
6.	The National Income and Product Ada. household income; government is total output; total spending; inflation; total output; inflation; total incomed. household income; household expending incomes incomediate incomes incomediate.	ncome; firm incom tion ne	e	_ to to

	ANS: E MSC: Applying	DIF:	Easy	REF:	2.2	TOP:	II.A.
7.	The National Income a. Expenditure = Pr b. Production = Exp c. Production = Exp	oductio enditur	n + Income e – Income		Expenditure =		ction – Income iture = Income
	ANS: E MSC: Applying	DIF:	Easy	REF:	2.2	TOP:	II.A.
8.	The difference betwee a. normal profits ar economic profits competitive price b. economic profits normal profits ar prices	e earning are the estart are ear	ngs based on the above-normal	e norma returns the nor	I competitive rassociated with	eturn to prices e returr	that exceed
	 c. normal profits ar economic profits monopolistic prid d. economic profits 	are the	above-normal	returns	associated with	prices	that exceed
		e the ab	oove-normal ret				at exceed competitive
	ANS: A MSC: Understandin	DIF:	Medium	REF:	2.2	TOP:	II.A.
9.	Goods that are product a. inventory b. output adjustment c. capital depreciation ANS: A	nt	a different year Medium		a loss net national p		II.A.
	MSC: Remembering		Wediam	REI .	2.2	101.	11,21,
10.	The statistic used by a. the unemployme b. GDP c. the CPI		nists to measure		the GDP defla	ator	
	ANS: B MSC: Understandin		Easy	REF:	2.2	TOP:	II.
11.	An economy'sa. consumption; incomplete expenditure on grade investment; governous taxes; net exports	come oods ar oods; e ernment	nd services; outp expenditure on s	out			
	ANS: B MSC: Understandin		Easy	REF:	2.2	TOP:	II.A.

e. total output; total spending; total income

- 12. According to the expenditure approach, if *Y* is GDP, *C* is consumption, *I* is investment, *G* is government purchases, and *NX* is net exports, the national income identity can be written as:
 - a. Y=C+I+G

d. Y = (C + I + G)/NX

b. Y = C + I + G - NX

e. Y = C + I + G + NX

- c. Y+C=I+G+NX
- ANS: E
- DIF: Easy
- REF: 2.2
- TOP: II.B.

MSC: Remembering

- 13. According to the expenditure approach, if *Y* is GDP, *C* is consumption, *I* is investment, *G* is government purchases, and *NX* is net exports, the national income identity can be written as:
 - a. Y+C-G=I+NX

d. Y = (C + I + G)/NX

b. Y - C = I + G - NX

e. Y = C + I + G

- c. Y-C-G-I=NX
- ANS: C
- DIF: Easy
- REF: 2.2
- TOP: II.B.

MSC: Remembering

- 14. According to the expenditure approach, if *Y* is GDP, *C* is consumption, *I* is investment, *G* is government purchases, and *NX* is net exports, which of the following is the national income identity?
 - a. Y = C + I + G NX

d. Y = (C + I + G)/NX

b. Y = C + I + G + NX

e. Y = C + I + G

- c. Y+C=I+G+NX
- ANS: B
- DIF: Easy
- REF: 2.2
- TOP: II.B.

MSC: Remembering

Refer to the following table when answering the next four questions.

Table 2.1: U.S. 2011–2012 Expenditures (\$ billions)

	2011	2012
Personal consumption expenditures	10,729	11,120
Goods	3,625	3,783
Services	7,104	7,337
Gross private domestic investment	1,855	2,062
Fixed investment	1,818	2,004
Change in private inventories	37	58
Net exports of goods and services	-568	-560
Exports	2,094	2,184
Imports	2,662	2,744
Government expenditures	3,060	3,063
Federal	1,222	1,214
State and local	1,838	1,849

- 15. Consider Table 2.1, which tabulates GDP for 2011–2012. Total GDP in 2011 is:
 - a. \$35,476 billion

d. \$10,092 billion

b. \$15,076 billion

e. \$6,382 billion

- c. \$15,644 billion
- ANS: B
- DIF: Medium
- REF: 2.2
- TOP: II.B.

MSC: Applying

16. Consider Table 2.1. which tabulates GDP for 2011–2012. Total GDP in 2012 is:

	a. \$36,858 billionb. \$13,991 billionc. \$16,245 billion				\$15,685 billi \$6,554 billio		
	ANS: D MSC: Applying	DIF:	Medium	REF:	2.2	TOP:	II.B.
17.	Consider Table 2.1, GDP in 2011 was al		abulates GDP i	for 2011	–2012. The fe	deral go	vernment's share of total
	a. 19.5 percentb. 7.7 percentc. 12.2 percent				20.3 percent 8.1 percent		
	ANS: D MSC: Applying	DIF:	Medium	REF:	2.2	TOP:	II.B.
18.			abulates GDP i share			hold cor	nsumption as a share of GDP
	a. decreased; incre				increased; de	creased	
	b. increased; increc. decreased; staye		me	e.	stayed the sa	me; stay	ved the same
	ANS: A MSC: Applying	DIF:	Difficult	REF:	2.2	TOP:	II.B.
19.	In 2012, household	expendit	ures accounted			of total (GDP.
	a. 50 percent				76 percent		
	b. 71 percentc. 45 percent			e.	13 percent		
	ANS: B MSC: Rememberin		Easy	REF:	2.2	TOP:	II.B.
20.	In 2012, investment	expendi	tures accounte	d for ab	out	of total	GDP.
	a. 71 percent	1			10 percent		
	b3.5 percentc. 13 percent			e.	16 percent		
	ANS: C MSC: Rememberin		Easy	REF:	2.2	TOP:	II.B.
21	In 2012 governmen	t ovnone	lituras aggunt	ad for al	hout	of total	CDD
21.	In 2012, governmen a. 5 percent	n expend	inuies account		13 percent	_ OI total	I ODF.
	b. –4 percent				20 percent		
	c. 66 percent				1		
	ANS: E MSC: Rememberin		Easy	REF:	2.2	TOP:	II.B.
22	In 2012, net exports	account	ed for about		of total GDP		
	a. –4 percent	account			100 percent		
	b. 13 percent				-14 percent		
	c. 20 percent				•		
	ANS: A MSC: Rememberin		Easy	REF:	2.2	TOP:	II.B.

23.	Net exports are also called a. capital outflows b. the trade balance c. the current account		l. foreign aid . government transfer	s
	ANS: A DIFEMANC: Remembering	: Easy REF	: 2.2 TOP:	II.B.
24.	b. only nondefense federac. federal government exd. only state and local goe. residential investment	se federal, state, and lo al government expend penditures and transfe vernment expenditures and state and local go	cal government expend tures r payments s vernment expenditures	
	ANS: A DIFE MSC: Understanding	: Medium REF	: 2.2 TOP:	II.B.
25.	In 2012, government transfa. one-third b. half c. 74 percent		d for about o three-fifths 100 percent	f government spending.
	ANS: A DIF	: Medium REF	: 2.2 TOP:	II.B.
26.	Using the expenditure appraa. durable and nondurable. durable and nondurable. durable and nondurable. durable and nondurable. nondurable goods ANS: A DIF	e goods and services e goods e goods and taxes e goods and residence	5	
	ANS: A DIFE MSC: Understanding	: Medium REF	: 2.2 TOP:	II.B.
27.	Using the expenditure appra. household residential eb. firm structures, equipmed. fixed firm and household. government and firm eb. government defense and	expenditures nent, and inventories old structures, equipmo equipment expenditure	ent, and inventories s	
	ANS: C DIFEMSC: Understanding	: Medium REF	: 2.2 TOP:	II.B.
28.	Which of the following is/accounting? a. transfer payments b. taxes c. Social Security	(d. changes in stock pri None of these answer	ces
	ANS: E DIF	: Medium REF	: 2.2 TOP:	II.B.

29.	Which of the following are NC a. defense expenditures b. firm expenditures on equip c. residential expenditures	d.	household service e	xpenditures
	ANS: E DIF: M MSC: Applying	Medium REF:	2.2 TOP:	II.B.
30.	In 2012, the U.S. GDP was about a. \$5 trillion; net exports b. \$22.5 billion; government c. \$10.5 trillion; investment d. \$13.6 billion; consumption e. \$15.7 trillion; consumption	expenditures	was the larg	est share.
	ANS: E DIF: E MSC: Remembering	Easy REF:	2.2 TOP:	II.B.
31.	Which of the following is/are I accounting?	NOT included in the	expenditure approach	n to national income
	a. softwareb. taxesc. defense expenditures		All of these answers None of these answers	
	ANS: B DIF: M	Medium REF:	2.2 TOP:	II.B.
32.	U.S. expenditure shares by hou except during a. constant; the 1970s b. variable; the Great Depress c. constant; World War II	d.	the government have constant; the Vietna variable; the 1990s	•
	ANS: C DIF: MSC: Understanding	Medium REF:	2.2 TOP:	II.C.
33.	Since about, U.S. exrelatively a. 1939; constant b. the Great Depression era; oc. 1950; variable	d.	households, firms, ar 1950; constant 1929 until 1945; con	
	ANS: D DIF: MSC: Understanding	Medium REF:	2.2 TOP:	II.C.
34.	According to the text, the gains a. caused a rapid decline in in b. driven investment below 1 c. no impact on net exports d. been at a cost to net export e. also pushed up the government of the control of the cost of the c	nventories 0 percent ts and government sp	pending	
	ANS: D DIF: MSC: Understanding	Medium REF:	2.2 TOP:	II.C.
35.	Prior to the late 1970s, the Uni	ited States	about as much as it _	.

a. exported; consumed d. invested; exported exported; imported imported; invested c. imported; consumed TOP: II.C. ANS: B DIF: Medium REF: 2.2 MSC: Understanding 36. According to the *income* approach to GDP, the largest percentage of GDP comes from: a. indirect business taxes d. depreciation of fixed capital e. None of these answers are correct. b. firm profits c. compensation to employees TOP: II.C. DIF: Easy REF: 2.2 MSC: Understanding Refer to the following table when answering the next three questions. Table 2.2: U.S. 2011–2012 Domestic Income (\$ billions) 2011 2012 Compensation of employees, paid 8,303 8,600 Wage and salary accruals 6,669 6,914 Supplements to wages and salaries 1,634 1,687 Taxes on production and imports 1,098 1,130 **Subsidies** 62 61 Net operating surplus 3,768 3,963 Private enterprises 3,997 3,794 Current surplus of government enterprises -27-34Depreciation of fixed capital 1,937 2,012 Private 1,587 1,648 349 364 Government 37. Consider Table 2.2, National Income Accounts for 2011 and 2012. From this data, total GDP in 2011 was about billion. d. \$15,044 a. \$16,606 b. \$14,008 e. \$15,645 c. \$32,969 TOP: II.C. ANS: D DIF: Medium REF: 2.2 MSC: Applying 38. Consider Table 2.2, National Income Accounts for 2011 and 2012. From this data, total GDP in 2012 was about billion. a. \$15,644 d. \$14,576 b. \$15,044 e. \$17,201 c. \$34,339 ANS: A DIF: Medium REF: 2.2 TOP: II.C. MSC: Applying 39. Consider Table 2.2, National Income Accounts for 2011 and 2012. From this data, total net domestic product in 2012 was about _____ billion. a. \$13,632 d. \$14,576 b. \$13,708 e. \$11,743 c. \$15,645

	ANS: A MSC: Applying	DIF:	Difficult	REF:	2.2	TOP:	II.C.
40.	Since about 1970, _a. labor's; rising b. labor's; the sam c. profits'; falling		income share	d.	has beenindirect busin the health sec	ess tax	
	ANS: B MSC: Rememberin		Easy	REF:	2.2	TOP:	II.C.
41.	In the past 60 years a. is roughly two-t b. is exactly 50 per c. is roughly one-t	thirds rcent	bor's share of (d.	the United Stat is equal to cap has risen shar	pital's i	
	ANS: A MSC: Rememberin		Easy	REF:	2.2	TOP:	II.C.
42.	When the city of Lo associated a. GDP; costs b. revenues; costs c. taxes; benefits	os Angelod with cr	es hires more p ime.	d.	interest rates; prices; costs		rise, but it may be due to the
	ANS: A MSC: Analyzing	DIF:	Medium	REF:	2.2	TOP:	II.E.
12	When a state builds	a new n	enitentiary		rise(s) but that	does n	ot imply that
43.		a new p	cintentiary,		iisc(s), out that	uocs II	ot imp1) time
43.	improve(s). a. income; welfare b. GDP; taxes c. GDP; transfers	_	ememary,	d.	GDP; welfare taxes; costs		
43.	improve(s).a. income; welfareb. GDP; taxes	_	Medium	d. e.	GDP; welfare taxes; costs		
44.	improve(s). a. income; welfare b. GDP; taxes c. GDP; transfers ANS: D	DIF: ving cour the side used ste t builds a	Medium Its toward charewalk. It is toward charewalk. It is toward charewalk. It is toward charewalk.	d. e. REF: nges in t	GDP; welfare taxes; costs	TOP:	
	improve(s). a. income; welfare b. GDP; taxes c. GDP; transfers ANS: D MSC: Analyzing Which of the follow a. You find \$10 or b. You purchase a c. The governmen d. You fix your ow	DIF: ving cour the side used ste t builds a	Medium Its toward charewalk. It is toward charewalk. It is toward charewalk. It is toward charewalk.	d. e. REF: nges in t	GDP; welfare taxes; costs 2.2 he current GDI	TOP:	II.E.
	improve(s). a. income; welfare b. GDP; taxes c. GDP; transfers ANS: D MSC: Analyzing Which of the follow a. You find \$10 or b. You purchase a c. The governmen d. You fix your ow e. None of these and ANS: C	DIF: ving cour the side used ste t builds a vn sink. nswers a DIF: ving does another y car from e station uys gaso	Medium Ints toward charewalk. Ireo from a frie a new highway Ire correct. Medium Is NOT count to year of tuition. In your parents. Buys new squalline.	d. e. REF: nges in t nd. REF:	GDP; welfare taxes; costs 2.2 the current GDF 2.2	TOP:	II.E.

MSC: Analyzing 46. By how much does the current GDP rise in the following scenario? A real estate agent sells a house for \$250,000 that the previous owners had purchased 10 years earlier for \$90,000. The real estate agent earns a commission of \$10,000. d. \$90,000 a. \$160,000 b. \$250,000 e. \$260,000 c. \$10,000 ANS: C DIF: Medium REF: 2.2 TOP: II.E. MSC: Analyzing 47. By how much does GDP change between 2010 and 2011 in the following scenario? In 2010, a rich woman has a chef and pays him \$50,000 to cook for her. In 2010, she marries the chef and he continues to cook. a. GDP rises by \$50,000. d. GDP rises by \$25,000. b. GDP is unchanged. e. Not enough information is given. c. GDP falls by \$50,000. ANS: C DIF: Medium REF: 2.2 TOP: II.E. MSC: Analyzing 48. Nominal GDP is the _____ of all goods and services produced in a period of time using _____ prices. a. value: 1945 d. value: current b. summation; current e. summation; base year c. value; a previous year's ANS: D DIF: Medium REF: 2.3 TOP: II.E. MSC: Understanding 49. If you own your own home, National Accounts uses ______ to measure the value of your home. a. the geometric mean of the highest and lowest priced house in your neighborhood b. the original purchase price c. an estimate price of your house based on current market conditions d. "rental equivalents" e. the value of your home to your insurance carrier ANS: D DIF: Medium REF: 2.2 TOP: II.E. MSC: Remembering 50. Real GDP is the ______ of all goods and services produced in a period of time using _____ prices. a. summation; current d. value; 1945 b. value; base year e. summation; base year c. value; 1970

51. Which of the following is NOT discussed in Jones and Klenow's alternative measure of economic welfare?

REF: 2.3

a. inequality

DIF: Medium

d. child mortality rates

b. leisure

ANS: B

e. consumption share of GDP

TOP: III.

c. life expectancy

MSC: Understanding

	ANS: D MSC: Remembering	· /	REF: 2.	3 TO	: III.A.
52.	Nominal GDP is give a. Nominal GDP = b. Nominal GDP = c. Nominal GDP = d. Nominal GDP = e. Nominal GDP =	Price level × Real GI Price level ÷ Real GI Price level + Real GI Price level - Real G	DP; GDP de DP; GDP de DP; CPI DP; GDP d	eflator eflator	
	ANS: A MSC: Remembering	DIF: Easy	REF: 2.	3 TOF	P: III.
53.	Real GDP is given by a. Real GDP = Non b. Real GDP = Non c. Real GDP = Non d. Real GDP = Non e. Real GDP = Non	minal GDP × Price lev minal GDP ÷ Price lev minal GDP + Price lev minal GDP – Price lev	vel; CPI vel; GDP de vel; GDP de vel; GDP de	eflator eflator	·
	ANS: B MSC: Applying	DIF: Medium	REF: 2.	3 TOP	P: III.
54.	The price level can be a. Price level = Nor b. Price level = Nor c. Price level = Rea d. Price level = Rea e. Price level = Nor	minal GDP ÷ Real GI minal GDP × Real GI al GDP × Nominal GI al GDP ÷ Nominal GI	DP; CPI DP; CPI DP; GDP de DP; Paasche	eflator e deflator	·
	ANS: E MSC: Applying	DIF: Medium	REF: 2.	3 TOF	P: III.
55.	The percent change in a. percent change in b. percent change in c. percent change in d. percent change in e. price level × percent change in e.	n the price level + per n the price level - per n the price level × per	rcent change rcent change rcent change rcent change	e in real GDP e in real GDP	
	ANS: A MSC: Remembering	DIF: Easy	REF: 2.	3 TOP	P: III.
56.	a. smaller; nominalb. greater; nominal	GDP; real GDP shrin GDP; real GDP shrin P; nominal GDP shrin P; nominal GDP alwa	nks iks iks		ange in,
	ANS: B MSC: Applying	DIF: Medium	REF: 2.	3 TOF	P: III.
57.	Nominal gross domes	stic product is defined	d as:		

a. the value of all goods and services produced by an economy, within its borders, over a

- period of time, at base-year prices
- b. the value of all goods produced by an economy, within its borders, over a period of time, at current prices
- c. the value of all goods and services produced by an economy, within its borders, over a period of time, at current prices
- d. the value of all goods and services produced by an economy's citizens, regardless of where they live, over a period of time, at current prices
- e. the value of all goods and services produced by an economy's citizens, regardless of where they live, over a period of time, at base-year prices

ANS: C DIF: Medium REF: 2.3 TOP: III.

MSC: Understanding

58. Real gross domestic product is defined as:

- a. the value of all goods and services produced by an economy, within its borders, over a period of time, at base-year prices
- b. the value of all goods and services produced by an economy, within its borders, over a period of time, at current prices
- c. the value of all goods produced by an economy, within its borders, over a period of time, at current prices
- d. the value of all goods and services produced by an economy's citizens, regardless of where they live, over a period of time, at current prices
- e. the value of all goods and services produced by an economy's citizens, regardless of where they live, over a period of time, at base-year prices

ANS: A DIF: Medium REF: 2.3 TOP: III.

MSC: Understanding

Refer to the following table when answering the next seven questions. In this economy, only two goods are produced: video games and pistachios.

Table 2.3: National Income Accounting

	2017	2018
Quantity of pistachios	1,000	1,100
Quantity of video games	500	500
Price of pistachios	\$1.00	\$1.50
Price of video games	\$15.00	\$14.75

59. Consider Table 2.3. Using the Laspeyres index, the real GDP in 2017 is:

a. \$8,900 d. \$15,500

b. \$8,500 e. \$9,150

c. \$1,500

ANS: B DIF: Medium REF: 2.3 TOP: III.C.1.

MSC: Applying

60. Consider Table 2.3. Using the Laspeyres index, the real GDP in 2018 is:

a. \$9,025 d. \$9,150

b. \$8,500 e. \$8,475

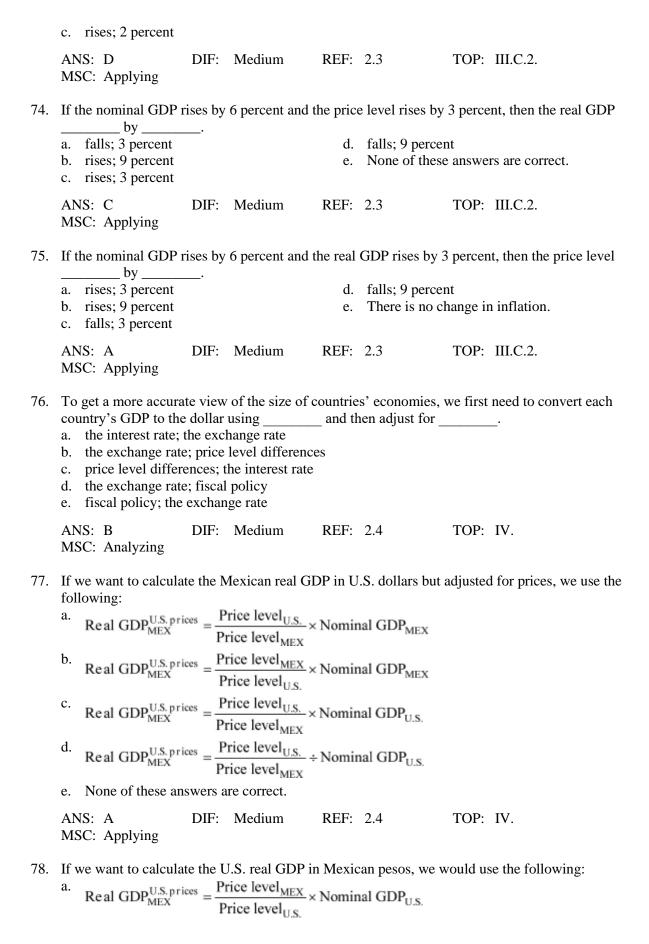
c. \$8,600

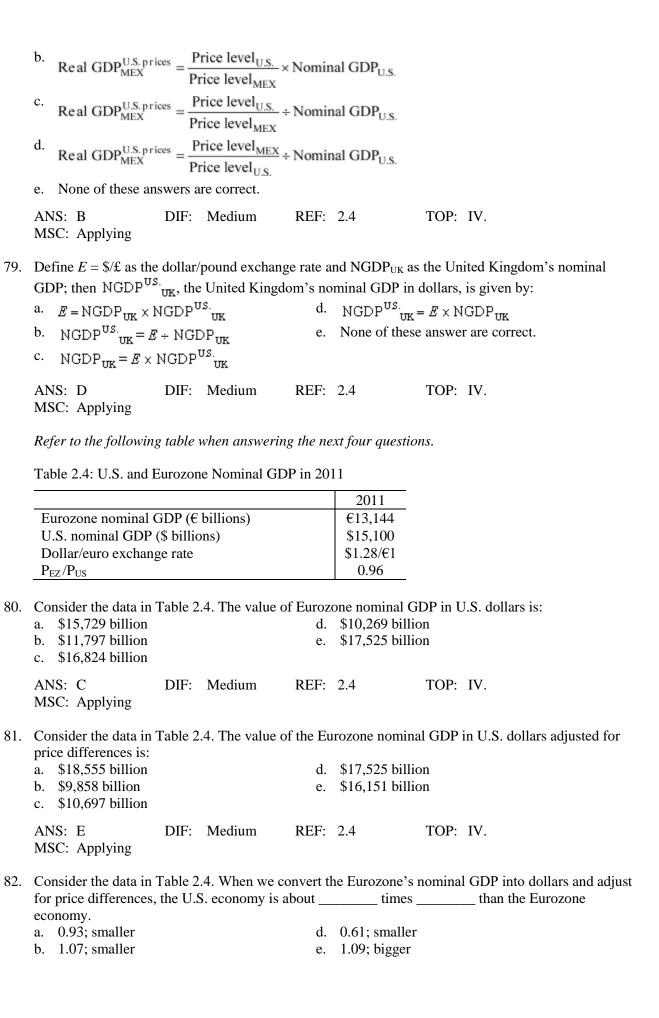
ANS: C DIF: Medium REF: 2.3 TOP: III.C.1.

MSC: Applying

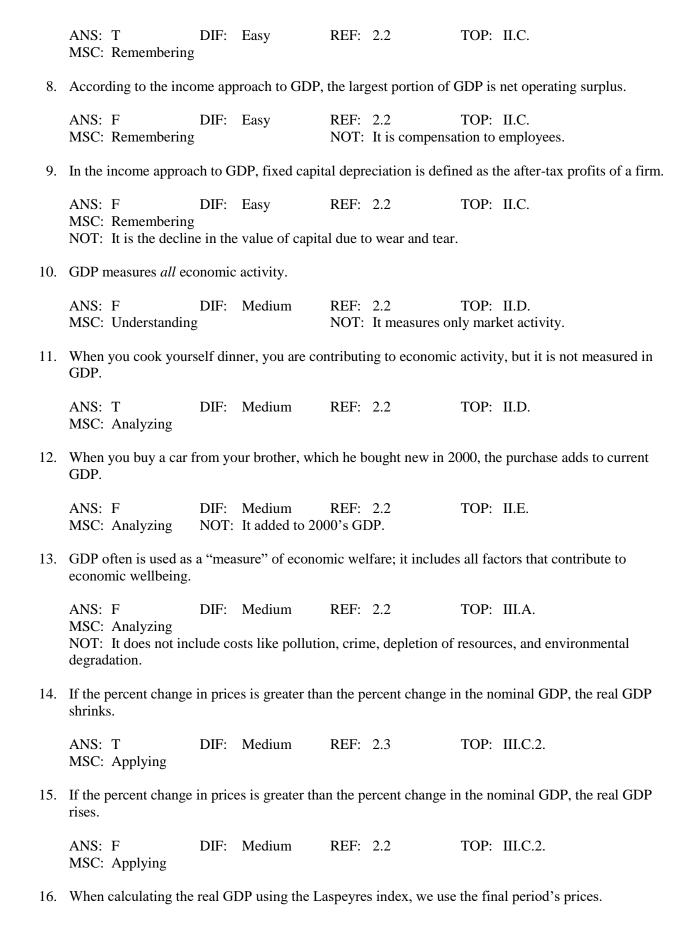
61.	Consider Table 2.3. a. \$9,150 b. \$8,500 c. \$8,600	Using the	ne Paasche in	ndex, the red. d. e.	\$9,025	2018 is:		
	ANS: D MSC: Applying	DIF:	Medium	REF:	2.3	TOP:	III.C.1.	
62.	Consider Table 2.3. a. \$8,475 b. \$8,500 c. \$8,600	Using the	ne Paasche in	ndex, real (d. e.		17 is:		
	ANS: E MSC: Applying	DIF:	Medium	REF:	2.3	TOP:	III.C.1.	
63.	Consider Table 2.3. a. 0 percent b. 5 percent c. 1 percent ANS: B MSC: Applying	Using the DIF:	ne Laspeyres Difficult		6 percent Not enoug	gh informat	nd 2018 was ion is given. III.C.1.	about:
64.	Consider Table 2.3. a. 6 percent b. 5 percent c. 0 percent	Using th	ne Laspeyres		1 percent		l GDP was a	bout:
	ANS: D MSC: Applying	DIF:	Difficult	REF:	2.3	TOP:	III.C.1.	
65.	Consider Table 2.3. a. 5 percent b. 1 percent c. 6 percent	Using the	ne Laspeyres		0 percent		minal GDP w	as about:
	ANS: C MSC: Applying	DIF:	Difficult	REF:	2.3	TOP:	III.C.1.	
66.	If we calculate the ra. Laspeyres; final b. Paasche; final c. Paasche; initial		using the	d.	chain-wei	e theghted; curreghted; final	ent	s prices.
	ANS: B MSC: Rememberin		Easy	REF:	2.3	TOP:	III.C.1.	
67.	If we calculate the rinstead, we use the a. Paasche; chainb. Laspeyres; chaic. Laspeyres; Paas	final per weighted n-weigh	iod's prices,	we are usi d.	ng a Paasche; l	index.		_ index. If,
	ANS: C MSC: Rememberin		Easy	REF:	2.3	TOP:	III.C.1.	

68.	The chain-weighted a. a constant base y b. a constantly cha c. a base year that d. a base year that e. None of these ar	year nging base y changes ever changes ever	ear ry five years ry ten years	rices from:			
	ANS: B MSC: Remembering	DIF: Eas	sy REF	F: 2.3	TOP:	III.C.3.	
69.	Suppose we calculat and the Paasche indi get 9 percent. The ch a. 1.5 percent b. 9.75 percent c. 1.33 percent	ces. With th	e Laspeyres indeed growth of real	ex we get 12 perc			
	ANS: E MSC: Applying	DIF: Me	dium REF	F: 2.3	TOP:	III.C.3.	
70.	Nominal GDP mean a. average b. last year's c. the base year's	s that the va	Ċ	and services is made in the current e. constant	neasured	in	prices.
	ANS: D MSC: Remembering	DIF: Eas	sy REF	F: 2.3	TOP:	III.C.2.	
71.	If NGDP is nominal inflation? a. percent change is b. percent change is c. percent change is d. percent change is e. percent change is e.	n NGDP + p n NGDP – p n NGDP × p n RGDP + p	percent change in percent change in percent change in percent change in	n RGDP n RGDP n RGDP n NGDP	ollowing	g can be used	to calculate
	ANS: B MSC: Applying	DIF: Me	dium REF	7: 2.3	TOP:	III.C.2.	
72.	If NGDP is nominal growth of the real G a. percent change i b. percent change i c. percent change i d. percent change i e. percent change i	DP? n NGDP – p n NGDP + p n NGDP × p n P + percer	percent change in percent change in percent change in that change in NGI	n <i>P</i> n <i>P</i> n <i>P</i> DP	ollowing	can be used t	o calculate the
	ANS: A MSC: Applying	DIF: Me	dium REF	F: 2.3	TOP:	III.C.2.	
73.	If the nominal GDPby		_		-	nt, then the re	al GDP
	a. rises; 8 percentb. falls; 8 percent			d. falls; 2 perce e. None of these		rs are correct.	





	c. 1.4	17; bigger							
	ANS: MSC:	B Analyzing	DIF:	Difficult	REF:	2.4	TOP:	IV.	
83.	NOT a			4. When we conces, the U.S. e					
	b. 1.6	5; smaller 64; smaller 5; bigger				1.11; smaller 1.09; bigger			
	ANS: MSC:	D Applying	DIF:	Difficult	REF:	2.4	TOP:	IV.	
TRUI	E/FALS	E							
1.	The lan	rgest GDP expe	enditure	e share historica	ally has	been governme	ent exp	enditure.	
	ANS: MSC:	F Understanding	DIF:	Easy	REF: NOT:	2.2 It is consumpt	TOP: ion exp		
2.	In 2012	2, consumption	expend	ditures account	ed for o	over 70 percent	of the t	total GDP.	
	ANS: MSC:	T Remembering	DIF:	Easy	REF:	2.2	TOP:	I.	
3.				oroduced is eque roduce that out		e value of the f	irm's o	utput <i>plus</i> the v	value of the
	NOT:	Understanding	5	Medium e of the firm's o	REF:		TOP:		oods used to
4.		ling to the expential housing.	enditure	e approach to G	DP, ho	usehold expend	litures i	nclude purcha	ses of
		Remembering		Medium s included in in	REF:		TOP:	II.B.	
5.	The las	rgest share of h	ouseho	ld consumption	expen	ditures is durab	le good	ls.	
	ANS: MSC:	F Remembering		Medium	REF: NOT:	2.2 It is services.	TOP:	II.B.	
6.		ling to the expential housing.	enditure	approach to G	DP, inv	vestment expen	ditures	include purcha	ases of
	ANS: MSC:	T Remembering		Medium	REF:	2.2	TOP:	II.B.	
7.	Accord	ling to the inco	me app	roach to GDP,	the larg	gest portion of	GDP is	compensation	to employees.



ANS: F DIF: Easy REF: 2.3 TOP: III.C.1. MSC: Remembering NOT: We use the initial period's prices.

17. When calculating the real GDP using the Paasche index, we use the final period's prices.

ANS: T DIF: Easy REF: 2.3 TOP: III.C.1.

MSC: Remembering

18. If the nominal GDP rises by 5 percent and the price level falls by 2 percent, the real GDP falls by 7 percent.

ANS: F DIF: Medium REF: 2.3 TOP: III.C.3.

MSC: Applying NOT: The real GDP rises by 7 percent.

19. If Croatia's price level is higher than the U.S. price level, Croatia's dollar-denominated GDP, calculated using price adjustments, will appear smaller than if simply calculated with the exchange rate.

ANS: T DIF: Medium REF: 2.4 TOP: IV.

MSC: Analyzing

20. To get an accurate view of how GDPs differ across countries, we simply need to convert all countries' GDPs into dollars using the prevailing exchange rate.

ANS: F DIF: Medium REF: 2.4 TOP: IV.

MSC: Understanding

NOT: We also need to account for price level differences.

21. If the percent change in real GDP is found to be 4 percent using the Laspeyres index and 3 percent using the Paasche index, the chain-weighted price index will give us a growth rate of 3.5 percent.

ANS: T DIF: Medium REF: 2.3 TOP: IV.

MSC: Applying NOT: 3.5 = (1/2)(4% + 3%).

SHORT ANSWER

1. What is real GDP? Why do we calculate real GDP? What are the shortcomings of real GDP?

ANS:

Real GDP is the value of all goods and services produced within an economy's borders over a period of time, at constant prices. It is calculated to measure overall economic activity and aggregate income. This is used as a measure of welfare, as higher income connotes higher consumption, health, leisure, etc. However, there are shortcomings. First, it misses unreported output (i.e., "under the table" output of goods and services), output that is done in day-to-day life (e.g., making yourself a sandwich), and it assumes more output leads to more welfare. However, "defensive" output (e.g., walls built to buffer noise pollution) increases GDP but may not improve welfare. Also it does not account for other costs of production (e.g., pollution, crime, resource depletion, etc.).

DIF: Medium REF: 2.2 TOP: II. MSC: Analyzing

2. Using the expenditure approach to national income accounting, when discussing government expenditures, do we include transfer payments? Why or why not?

ANS:

No. The expenditure approach concentrates on *purchases of goods and services* only. Transfer payments are income transfers and are not directly used to buy things. They are a form of negative tax and would therefore be a form of income for recipients of the transfer, enhancing disposable income: Disposable income = Income – (taxes – transfers).

DIF: Medium REF: 2.2 TOP: II.B. MSC: Analyzing

3. What are the components that make up the *income approach* to calculating GDP? What are the components that make up the *expenditure approach* to calculating GDP?

ANS:

- (a) Income approach: compensation to employees; indirect business taxes; net operating surplus of business (profits); and depreciation of fixed capital
- (b) Expenditure approach: household consumption; fixed private investment; net exports; and government expenditures

DIF: Easy REF: 2.2 TOP: II.B./II.C. MSC: Remembering

- 4. Identify which of the following goods are part of the current year's U.S. GDP and which are considered current year's U.S. GNP; explain. (Note: Ford is a company owned by U.S. citizens and Toyota is a company owned by Japanese citizens.)
 - (a) a Ford produced in Mexico
 - (b) a Toyota produced in California
 - (c) a meal you make for a dinner party
 - (d) an American-made vintage T-shirt from Led Zeppelin's 1971 North American tour you bought online last week

ANS:

- (a) It is part of U.S. GNP but not GDP as it is not produced within U.S. borders; it is part of Mexico's GDP.
- (b) It is part of U.S. GDP but not GNP as it is not produced by a U.S. firm; it is part of Japan's GNP.
- (c) Neither; it is "under the table" production and is not included in the national accounts.
- (d) Neither, as it is not current production. The T-shirt is not counted in current GDP; it was, however, part of 1971's GDP.

DIF: Medium REF: 2.2 TOP: II.E. MSC: Analyzing

5. Consider the data in the following table, which represents the total production of the country Tucommodatia. They produce only consumer goods.

	2017	2018	2019
Quantity of Y	100	105	103
Quantity of X	5	3	4
Price of Y	\$5	\$5	\$5
Price of X	\$100	\$105	\$110

- (a) Calculate real GDP for all three years, using 2017 as the base year.
- (b) Calculate the Consumer Price Index (CPI), using 2017 as the base year. Identify whether there was inflation from the previous year.

ANS:

Real GDP is a form of the Paasche index, so for each year we use the current year's prices and that year's quantities:

*2017: RGDP =
$$100 \times \$5 + 5 \times \$100 = \$1,000$$

*2018: RGDP =
$$105 \times \$5 + 3 \times \$100 = \$825$$

*2109: RGDP =
$$103 \times \$5 + 4 \times \$100 = \$915$$

The equation for the CPI is:

$$\text{CPI} = \frac{P_{x}^{C} \times Q_{x}^{B} + P_{y}^{C} \times Q_{y}^{B}}{P_{x}^{B} \times Q_{x}^{B} + P_{y}^{B} \times Q_{y}^{B}} \times 100$$

where the *C/B* superscript denotes the current/base year.

To make it easier, the denominator is equal to \$1,000.

*2017: Since the base and current year are the same: $CPI_{2017} = 100$;

*2018: $825/1000 \times 100 = 82.5$, prices fell 17.5 percent from 2017 to 2018;

*2019: $915/1000 \times 100 = 91.5$, prices are 8.5 percent lower in 2019 than in 2017 but are about 11 percent higher than in 2018.

DIF: Difficult REF: 2.3 TOP: III. MSC: Analyzing

6. You are a staff economist for your local bank and the bank manager claims that in 2012 the Chinese economy was bigger than in the United States. To prove him wrong you decide to put your economics training to work for you and decide to show him China's GDP in U.S. dollars, and to show him how smart you are, you also decide to calculate PPP GDP in China and compare that to the United States as well. You have the following data: In 2012, China's nominal GDP was CY 51.932 trillion (CY = Chinese yuan); the yuan-dollar exchange rate was CY 6.31/\$1; nominal GDP in the United States was \$15.685 trillion; the price level in the United States was 1.00 and the price level in China was 0.60. How big is China's economy?

ANS:

The first part of the question is straightforward. Just convert Chinese nominal GDP to dollars by dividing it by the yuan-dollar exchange rate (conversely, this is the same as multiplying it by the dollar-yuan exchange rate):

$$$NGDP_{CH} = \frac{51.932}{\frac{6.31}{\$1}} = \$8.230$$

Thus the Chinese economy is about 65 percent the size of the U.S. economy. But to get a more accurate view we need to look at GDP adjusted for price differences, PPP adjusted Chinese GDP. So we use the equation:

$$PPPGDP_{CH} = P_{U.S}/P_{CH} \times \$NGDP_{CH} = 1.667 \times \$8.23 \ tril = \$13.72 \ tril.$$

Thus, once we take price differences into consideration, the Chinese economy is only about \$2 trillion smaller than the U.S. economy.

DIF: Difficult REF: 2.4 TOP: IV. MSC: Analyzing

7. You are a staff economist for your local bank and the bank manager asks you to calculate whether Qatar (QAT), Luxembourg (LUX), or the United States (USA) is biggest in per capita terms when adjusted for price differences. She gives you the following data table and asks you to fill in the missing values.

Macroeconomics 3rd Edition Jones Test Bank

Full Download: http://alibabadownload.com/product/macroeconomics-3rd-edition-jones-test-bank/

Population (column A) and GDP (D) are in millions. GDP in column D is in domestic currency, the euro for Luxembourg, the Qatari rial for Qatar, and the U.S. dollar for the United States. The exchange rate (B) is units of foreign currency per U.S. \$1, and P_{US}/P_i is the relative price level for the United States and the other countries.

Table GDP, Population, and Exchange Rate Data in 2010

	Pop	Exchange Rate	P_{US}/P_{i}	GDP (millions)	Per Capita GDP National Currency	Per Capita GDP (\$s)	PPP Per Capita GDP (\$s)
	(A)	(B)	(C)	(D)	(E)	(F)	(G)
LUX	0.498	0.76	0.87	36,561	_	_	_
QAT	0.841	3.64	1.01	470,422	_	_	_
USA	310.23	1.00	1.00	14,584,731	_	_	_

ANS:

The calculation will be done using columns rather than numbers.

- First you need to calculate per capita GDP in national currency, which is simply D/A;
- To get per capita GDP in dollars: *E/C*;
- To get PPP PC GDP: $F \times C$;
- This gives you the following table.
- You can conclude total GDP in the United States is the largest, but all levels of per capita GDP are largest in Qatar and smallest in the United States.

Table

	Pop	Exchange Rate	$P_{\rm US}/P_{\rm i}$	GDP (millions)	Per Capita GDP National Currency	PCGDP (\$s)	PPPPC GDP (\$s)
	A	В	С	D	Е	F	G
LUX	0.498	0.76	0.87	36,561	73,484	97,324	84,892
QAT	0.841	3.64	1.01	470,422	559,410	153,684	155,119
USA	310.23	1.00	1.00	14,584,731	47,012	47,012	47,012

DIF: Difficult REF: 2.4 TOP: IV. MSC: Applying