1. If total output is calculated by adding up the market value of goods and services produced, then more expensive items: A. receive the same weighting as cheaper items. B. receive a higher weighting than cheaper items. C. receive a smaller weighting than cheaper items. D. are double counted.
2. National defense services provided by the military are: A. included in GDP at market prices. B included in GDP at cost. C. excluded from GDP because they are not sold in markets. D. excluded from GDP because they are intermediate goods.
3. If Bountiful Orchard grows \$100,000 worth of peaches, sells \$50,000 worth of peaches to consumers and uses to rest to make jam that is sold to consumers for \$100,000, Bountiful Orchard's contribution to GDP is: A. \$50,000. B. \$100,000. C. \$150,000. D. \$200,000.
4. Capital goods are treated as goods and, therefore, GDP. (A). final; included in B. final; excluded from C. intermediate; sometimes included in D. intermediate; excluded from
5. The largest expenditure component of U.S. GDP is:
6. Which of the following would increase the net export component of U.S. GDP? (A) A bottle of California wine is purchased in London. B. A car produced in Japan is purchased in California. C. A bottle of French wine is purchased in New York. D. A car produced in Michigan is purchased in Louisiana.

Suppose a jar of DeLux popcorn that is ultimately sold to a customer at Friendly Groceries is produced by the following production process. Answer the next three questions based on this information.

Name of Company	Revenues	Cost of Purchased Inputs
Fulton Family Farm	\$0.50	0
DeLux Popcorn Co.	\$2.50	\$.50
Friendly Groceries	\$4.00	\$2.50

- 7. What is the contribution of the above production process to GDP?
- A. \$1.50
- B. \$2.00
- C \$4.00
- D. \$7.00
- 8. What is the value added of Fulton Family Farm?
- A \$0.50
- B. \$1.50
- C. \$2.00
- D. \$2.50
- 9. If the corn and the jar of popcom were produced in the year 2005, but the jar was sold at Friendly Groceries in the year 2006, what is the contribution of these transactions to GDP in the year 2005?
- 0.50 + (2.50 0.50) = 2.50B. \$0.50

- C. \$1.50 D \$2.50
- 10. An economy produces 500,000 tables valued at \$100 each. Households purchase 100,000 tables of which 50,000 are imported. Businesses purchase 200,000 domestically produced tables. The government purchases 100,000 domestically produced tables and 50,000 domestically produced tables are sold abroad. The unsold tables at the end of the year are held in inventory by the table manufacturers. What is value of the investment component of GDP?
- A. \$10 billion
- B. \$20 million

- $(200,000 + |00,000) \times 100 =$
- C. \$25 million
- D \$30 million

be paid in the sec A. \$15.00 B. \$15.30	Vear 1 615	\
C. \$16.09 D.\$16.68	Vear 2: $R = 5(0.02) + 15 = 15.30$ $N = 15.3(1.00)$.)
	he price of chicken rises sharply compared to the price of turkey. People buy more turkey and le	ss
bias.	did in the CPI base year. In this situation the CPI will tend to inflation as a result of	
A. overstate; sub		
B. understate; sul		
C. accurately mean D. overstate; qua		
2. 3. 015.000, quu		
	cluding the price of beef, increase by 3%, then the relative price of beef and there	
inflation.		
A. increased; is		
A. increased; is B. increased; is n	tant; is	
A. increased; is B. increased; is n C remained cons D. remained cons	tant; is tant; is no	of.
A. increased; is B. increased; is n C remained cons D. remained cons 19. Suppose the v computers increa	tant; is tant; is no alue of the CPI is 1.10 in year 1, 1.21 in year 2, and 1.331 in year 3. Assume also that the price sees by 3% between year 1 and year 2, and by another 3% between year 2 and year 3. The average	
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A. increased; is B. increased; is B. increased; is n C remained cons D. remained cons D. remained cons 19. Suppose the v computers increa level is increasing; A. increasing; increasing; increasing; increasing; decreasing;	tant; is tant; is tant; is no alue of the CPI is 1.10 in year 1, 1.21 in year 2, and 1.331 in year 3. Assume also that the price was by 3% between year 1 and year 2, and by another 3% between year 2 and year 3. The average states that the price of computers is The average reasing asing asing areasing the states of	e pric

in one year. If Samantha and Jack agree that Samantha should earn a 3% real return for the year, the nominal interest
rate on this loan should be percent.
A. 0
B.3 $\uparrow = 1.68 - 1.60 = 5.7$
C.5
rate on this loan should be percent. A. 0 B. 3 C. 5 D 8 $3 = 1 - 5$ $3 = 1 - 5$
22. If both the lender and borrower agree on an 8% interest rate, both expect a 4% inflation rate, and inflation turns out to be 4%, then by the inflation. A. the borrower is hurt and the lender gains
B. the borrower gains and the lender is hurt
C neither the borrower nor the lender are hurt D. both the borrower and lender are hurt
D. both the borrower and lender are nurt
23. If the annual real rate on a 10-year inflation-protected bond equals 1.9 percent and the annual nominal rate of return on a 10-year bond without inflation protection is 4.4 percent, what average rate of inflation over the ten years would
make holders of inflation-protected bonds and holders of bonds without inflation protection equally well off?
A. 0%
B. 1.9% $\mathbb{C}^{2.5\%}$ $9 = 4.4 - \pi$
$\Delta t = 2.5$
24. The two most important factors contributing to increased productivity in industrialized countries in the twentieth century were:
A. higher relative prices and a larger labor supply.
B, higher relative prices and technological progress.
C technological progress and increases in the capital stock.
D. technological prices and increases in the labor supply.
25. Factors increasing the labor supply and thereby contributing to the slowdown in real-wage growth that began in the 1970s include and
A. skill-biased technological change; globalization
(B) increased labor force participation by women; the coming-of-age of the baby-boom generation
C. technological progress; diminishing returns to labor
D. increasing wage inequality; globalization

21. Samantha is lending Jack \$1,000 for one year. The CPI is 1.60 at the time the loan is made. They expect it to be 1.68

26. Slower real wage growth since the 1970s accompanied by rapid job growth can be explained by: A. skill-biased technological change.
B. globalization. C a productivity slowdown accompanied by an increase in the labor supply.
D. a productivity slowdown accompanied by a decrease in the labor supply.
27. Globalization the wages of workers in the exporting industries and the wages of workers in the import-
competing industries. A. raises; raises
B raises; lowers
C. raises; does not change
D. lowers; raises
28. From an economic perspective the best response to increased wage inequality is to:
A. block future technological change.
B. stop all international trade.
C provide transition aid to disadvantaged workers. D. make skill-biased technological change illegal.
29. Data for an economy shows that the unemployment rate is 6%, the participation rate 60 percent, 200 million people 16 years or older are not in the labor force. How many people are in the working-age population in this economy?
A. 200 million
B. 300 million
C. 400 million $v = 0.06(300) = 282$
16 years or older are not in the labor force. How many people are in the working-age population in this economy? A. 200 million B. 300 million C. 400 million D 500 million D 500 million O 500 million
30. In a small town of 100 people there are 10 children under 10, 10 retired people, 60 people with full-time jobs, 3
people with part-time jobs, 3 full-time students over 16, and 4 full-time homemakers. The remaining people did not have
jobs, but wanted them. All but one of these had actively looked for a job in the previous four weeks. What is the
participation rate in this town? $E = 60 + 3$ A. 63.0% B. 71.1% C. 72.0% D. 80.0% V = 9
B.71.1% N=10+3+4+1 90 E+U+N
(2.72.0%) $(2.72.0%)$ $(3.72.0%)$ $(3.72.0%)$
<u>D</u> ,00.070
31. Two groups of workers not counted as unemployed in the official unemployment (U3) statistics are
workers. A. chronically unemployed and short-term unemployed
B. chronically-unemployed and discouraged
C. chronically unemployed and involuntary part-time
(D) discouraged and involuntary part-time

32. Martha did not like her job as a receptionist, so she quit the job and is looking for ontalents. Jacques would like to work, but employers are not willing to hire him because he is unemployed and Jacques is unemployed. (A) frictionally; structurally B. structurally; frictionally C. cyclically; structurally D. structurally; cyclically	e that better suits her artistic e does not speak English. Martha
33. Arthur is an unskilled worker, who is currently unemployed. He has been offered a n day, but he is currently receiving unemployment insurance benefits of \$50 a day, so he c minimum wage job and to continue looking for a better job. Arthur is unemployed. A. frictionally B. structurally C. cyclically D. not 34. Assume that the union wage already exceeds the market-clearing wage. If the union factors constant, then the number unemployed and the number employed A. increases; increases B. increases; decreases C. increases; does not change D. decreases; increases	hooses not to accept the ed.
35. Assume the union contract wage exceeds the market-clearing wage. If there is an inc the current number of unemployed will and the number of employed will A. increase; increase B. increase; decrease C. increase; not change D. decrease; increase 36. Unemployment insurance contributes to structural unemployment by: A. keeping wages above the market-clearing level. B. keeping wages below the market-clearing level. C. allowing unemployed workers to search longer or less intensively for jobs. D. forcing unemployed workers to take the first job offered to them.	rease in the labor supply, then

Europe. A. high r B. high r C. increa	rates of uner rates of uner asing wage i	nd for low-skilled wanted mployment; increasing the property in the property i	ng wage inequality of unemployment	in the United	1 States and	in Western
2.0%. If	instead real ada in 1998 00 0	GDP per person had would have been app	vas \$7,377 in 1950. Over I grown at an average control large and a series of the serie	mpound annual ra $(x, y)^{18} = 1$	te 2.5%, then rea	
		rage labor productiv GDP per capita?	ity is the same in each co	untry. Based on the	he information b	elow, which country
Country A B C D E	Population (millions) 100 150 75 250 95	Share of Population Employed (%) 60 55 50 45 40	POP =	<u> </u> +	Pop	
Omega, A more B. less C. not at	try B try C try D ma has \$30 e of diminish holding othe	ning returns to capita er factors constant.	orker, while Omega has S l, an additional unit of ca			cording to the Gamma compared to