

The passage below is followed by questions Q1-Q4 with multiple choices. Read the passage and select the best answer choice. Answer the questions on the basis of what is stated or implied in the passage.

Recessions and unemployment are trouble enough, but many people see a danger in too much prosperity. The danger is inflation. Inflation is defined as an increase in average price level in the economy. Thus, if the price of each good or service in economy were to raise by five percent from one year to the next, we could say that there is 5% inflation. But, in general prices do not all rise at the same rate some rise rapidly, some rise slowly, and some prices even drop. Therefore we express the overall price level by a price index, that is, an average of these different rising and falling prices. But a simple average won't do. Some prices are more important than others are. In the economy of digital era computers are more important than paperbacks and divide by two. Instead, we use a weighted average with weights that reflect the importance of different products in production. Since lot more computers are produced and sold than paper backs, the would give computers a heavier weight. Such a weighted index of process is known as "price index".

The best known price index is the consumer price index. The consumer price index measures the average price of goods consumed by urban people. However, another price index is GDP deflator. The weights of GDP deflator reflect the share of each good in gross Domestic product. There could also be other price indexes. Which is right? That depends upon on your purpose. If you want to gauge the purchasing power of the rupee, then the consumer price index is probably the best. However, if you need to estimate the purchasing power of the rupee for all sorts of goods and services the consumer price index does not do that, and Gross Domestic Product Deflector is the best choice.

In a nut shell inflation is measured as percentage change in the price index.

1. The passage is concerned with
 - a. problem related to recession.
 - b. Effects of inflation.
 - c. Differentiating between various goods that affect inflation.
 - d. Inflation and various price indexes and purchasing power of rupee.

2. Given the various price indexes, one should use one which
 - a. Is better to one's purpose.
 - b. Is easier to calculate.
 - c. Gives higher value of the purchasing value of rupee.
 - d. Can reflect the spending as well as the saving of the consumers.

3. Which of the following may be an outcome of prosperity ?
- Increasing the purchasing power of rupee.
 - Rising prices of goods or services in the economy.
 - Spending of urban and rural population.
 - Purchasing costlier products in comparison to cheaper goods.
4. Five thousand cars and six thousand buses are manufactured in a year. One car and 450 trucks remain unsold. Which of the following statements is correct for deciding the weight of the two products in the price index ?
- Both be given equal weightage.
 - Cars be given more weightage.
 - Trucks be given more weightage
 - Need not consider either for the price index.

Q5 to mQ8 A conclusion is followed by two statements which gives the data for conclusion. Study the data and conclusion and mark

5. What is the value of g ?
- $f(X) = X^2 + x + 1$
 - $g(X) = \frac{f(X)}{2}$
- If statement I alone brings the conclusion.
 - If statement II alone brings the conclusion.
 - If statement I and statement II taken together brings the conclusion.
 - The data is not sufficient to bring the conclusion.
6. How long will the tank take to fill up to capacity ?
- Two taps can fill the tank in 6 hours.*
 - One tap can empty the tank in 10 hours.*
- If statement I alone brings the conclusion.
 - If statement II alone brings the conclusion.
 - If statement I and statement II taken together brings the conclusion.
 - The data is not sufficient to bring the conclusion.
7. How many minutes a clock gain a day ?
- When the actual time is 8.00 am, the clock shows 8.12 am.
 - The clock gains 10 extra seconds each quarter of an hour.
- If statement I alone brings the conclusion.
 - If statement II alone brings the conclusion.

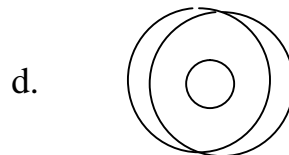
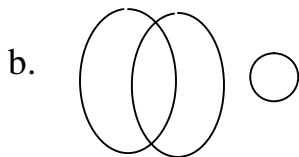
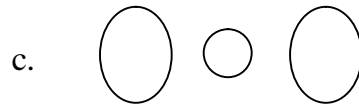
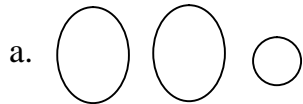
11. After deductions of saving and house rent payment, what is the take home pay ?

- a. 25900 b. 25905 c. 25910 d. 25915

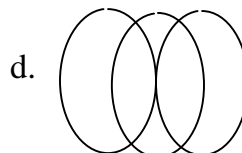
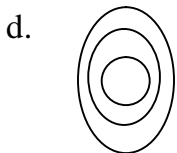
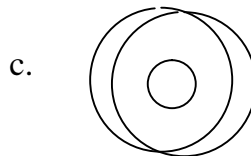
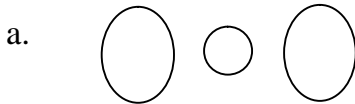
12. What amount is spent on food and entertainment ?

- a. 12855 b. 12558 c. 15558 d. 12585

13. If TV singers are represented by large circle on left, and radio singers by a large circle on the right, which combination will best represent the position of stage singers ?



14. Select the appropriate diagram representing VTU, Belgaum, Karnataka



Study the diagram given below and answer Q15 and Q16



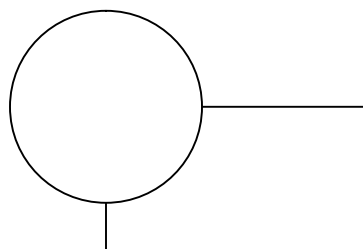
Youths in Village



Educated Youths.



Unemployed Youths



15. What does number 6 represent ?
- Unemployed Youths
 - Unemployed Educated Youths in villages
 - Unemployed Educated Youths
 - Educated Youths in villages.
16. Unemployed Youths are represented by
- 4,2,5,3
 - 4,5,6,7
 - 6,2,7,1
 - 4,2,5,6
17. Parallel port can send 8 or 16 bits of data and serial port can receive one byte of data at a Time
- True
 - False
18. Match the following operation and operators

	Operation		Operator
I	Increment	A	> =
II	Equality	B	= =
III	Assignment	C	+ +
IV	Relational	D	+ =

- i – A , ii – B , iii – C , iv - D
 - i – B , ii – C , iii – D , iv – A
 - i – C , ii – B , iii – D , iv – A
 - i – A , ii – D , iii – B , iv – A
19. _____ is not a display device.
- Storage type monitor.
 - Plotter.
 - Vector scan refresh type monitor.
 - Raster scan refresh type monitor.
20. American Standard Code for Information Interchange (ASCII) code includes.
- Capital English letters.
 - Special symbols.
 - Numerals.
 - All of the above.