

2007 MBA – PERCENTAGE QUESTION PAPER

TIME : 3 HOUR

Percentage test

Question 1 of 25

A shopkeeper marks his goods at 40% above the cost price and allows a discount of 40% on the marked price. His loss or gain is

1. No loss and no gain
2. 16% loss
3. 16% gain
4. 20% gain

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Question 2 of 25

Of 54600 candidates who sat at a public examination 35% failed to pass, whilst 15% passed with honours. Find the number of candidates who passed the examination, but failed to obtain honours.

1. 27000
2. 27500
3. 27300
4. 28300

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Question 3 of 25

Aman's salary is 25% higher than that of Balraj. By how much percent is Balraj's salary lower than that of Aman?

1. 25 %
2. 20 %
3. 15 %

4. 22 %

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Question 4 of 25

If selling price of an article is $\frac{4}{3}$ of its cost price the profit in the transaction is:

1. $\frac{1}{3}\%$

2. $20\frac{1}{2}\%$

3. $33\frac{1}{3}\%$

4. $25\frac{1}{2}\%$

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Question 5 of 25

By selling a doll at Rs.342, Menu lost 5%; at what price should she have sold it to gain 5%?

1. Rs. 378

2. Rs. 375

3. Rs.360

4. None of these

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Question 6 of 25

Find the number whose 32% is 224.

1. 675

2. 684

3. 700

4. 712

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Question 7 of 25

Harish bought a horse for Rs. 20000 and sold it to Monika at a gain of 20%. Monika sold it to Sonu at a loss of 5%. Find the cost to Sonu.

1. Rs. 22800
2. Rs. 23000
3. Rs. 25200
4. None of these

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Question 8 of 25

A cloth merchant has announced 25% rebate in prices. If one needs to have a rebate of Rs. 40, then how many shirts costing Rs. 32 each, he should purchase?

1. 6
2. 5
3. 10
4. 7

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Question 9 of 25

Divide Rs. 1130 into two parts such that one is 13% of the other.

1. 1100, 30
2. 1030, 100
3. 1087, 43
4. None of these

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Question 10 of 25

Which is the greatest in $25\frac{2}{3}\%$, $\frac{4}{15}$ and $.27$?

1. $25\frac{2}{3}\%$

2. $\frac{4}{15}$

3. .27

4. All are equal

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Question 11 of 25

A watch passes through three hands and each gains 25%. If the third sells it for Rs. 250, what did the first pay for it?

1. 138

2. 135

3. 128

4. 140

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Question 12 of 25

A man loses $12\frac{1}{2}\%$ of his money and after spending 70% of the remainder, has Rs. 210 left. How much had he at first?

1. Rs. 500

2. Rs. 600

3. Rs. 800

4. None of these

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Question 13 of 25

An umbrella marked at Rs. 80 is sold for Rs. 68. The rate of discount is:

1. 12%

2. 15%

3. $17\frac{11}{17}\%$

4. 20%

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Question 14 of 25

The population of Visakhapatnam is 5,00,000 out of which 52% are males and rest are females. 60% of the males are literate and the literacy rate in the city is 70%. Find the number of educated females in the city and their percentage as that of total women.

1. 194000, 80.83%

2. 164000, 85%

3. 184000, 82%

4. 190000, 80%

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Question 15 of 25

The ratio of the prices of the keyboard and the monitor is 25%. If the price of the monitor goes up by 20% and the ratio given above goes down by 5 percentage points, what is the percentage increase/decrease in the price of the keyboard?

1. 4% increase

2. 4% decrease

3. 4.4% increase

4. 4.4% decrease

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Question 16 of 25

By selling eggs at Rs.5 per dozen, a man gained 20%. The cost price of the eggs rises by $12\frac{1}{2}\%$. If he sells at the same price as before, find his new gain %. By what % should he raise his selling price to gain as much as formerly on every dozen?

1. 6.6%, 10.4%

2. 7%, 9.5%

3. 6.6%, 7%

4. 7%, 5%

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Question 17 of 25

A shopkeeper sold 32 dozen of mangoes and made a profit of Rs. 384. What was the cost price of each mango? To find out the answer, which of the following information given in the statements I and II is /are sufficient?

I. The percentage profit was 20

II. The total sale proceeds was Rs.1,920

1. Both I and II together are needed

2. Either I or II alone is sufficient

3. Both I and II together are not sufficient

4. Only I alone is sufficient

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Question 18 of 25

A horse and a cow were sold for Rs.12000 each. The horse was sold at a loss of 20% and the cow at a profit of 20%. The entire transaction resulted in

1. No profit no loss

2. Loss of Rs. 1000

3. Profit of Rs.1000

4. Profit of Rs.2000

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Question 19 of 25

From the salary of an officer 10% is deducted as house rent, 15% of the rest he spends on children's education and 10% of the balance, he spends on clothes. After this expenditure, he is left with Rs.1377. What is the salary of an officer?

1. Rs.2200
2. Rs.2000
3. Rs.2100
4. Rs.2040

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Question 20 of 25

If the price of sugar goes up by 10%, what should be the percentage reduction in the quantity consumed so that the total expenditure on sugar remains the same?

1. 10%
2. $9\frac{1}{11}\%$
3. 20%
4. 11.1%

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Question 21 of 25

If the radius of a sphere increases by 1% by what percent is its surface area going to increase?

1. 2%
2. 2.2%
3. 2.01%
4. 2.10%

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Question 22 of 25

An item for sale is marked down 20%. By what percent must it then be marked up in order to return to the original selling price?

1. 20
2. 22
3. 23
4. 25

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Question 23 of 25

In an election a person secures 70% of the votes and defeats his rival by 200 votes. How many votes should a person get to have simple majority?

1. 251
2. 140
3. 340
4. 310

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Question 24 of 25

The length of a rectangle increases by 12% and the breadth by 10%. What is the consequent increase in area?

1. 23.2%
2. 22.5%
3. 22.3%
4. 24%

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Question 25 of 25

The price of wheat increases by 25%. By what percentage should consumption be reduced for the total expenditure to be the same?

1. 25%

2. 40%

3. 20%

4. 5%

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