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CAT

Blitzkrieg

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ALL CAT QUESTIONS
FROM PERCENTAGES

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Q1. CAT 2021 – QUANT - SLOT 2

A box has 450 balls, each either white or black, there being as many metallic white balls as metallic black balls. If 40% of the white balls and 50% of the black balls are metallic, then the number of non-metallic balls in the box is [TITA]

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Q2. CAT 2021 – QUANT - SLOT 2

Anil, Bobby and Chintu jointly invest in a business and agree to share the overall profit in proportion to their investments. Anil's share of investment is 70%. His share of profit decreases by ₹ 420 if the overall profit goes down from 18% to 15%. Chintu's share of profit increases by ₹ 80 if the overall profit goes up from 15% to 17%. The amount, in INR, invested by Bobby is

- A. 2400
- B. 2200
- C. 2000
- D. 2800



Q3. CAT 2021 – QUANT - SLOT 2

Raj invested ₹ 10000 in a fund. At the end of first year, he incurred a loss but his balance was more than ₹ 5000. This balance, when invested for another year, grew and the percentage of growth in the second year was five times the percentage of loss in the first year. If the gain of Raj from the initial investment over the two year period is 35%, then the percentage of loss in the first year is

- A. 15
- B. 5
- C. 10
- D. 70



Q4. CAT 2021 – QUANT - SLOT 3

The total of male and female populations in a city increased by 25% from 1970 to 1980. During the same period, the male population increased by 40% while the female population increased by 20%. From 1980 to 1990, the female population increased by 25%. In 1990, if the female population is twice the male population, then the percentage increase in the total of male and female populations in the city from 1970 to 1990 is

- A. 68.75
- B. 68.50
- C. 68.25
- D. 69.25



Q5. CAT 2021 – QUANT - SLOT 3

In a tournament, a team has played 40 matches so far and won 30% of them. If they win 60% of the remaining matches, their overall win percentage will be 50%. Suppose they win 90% of the remaining matches, then the total number of matches won by the team in the tournament will be

- A. 86
- B. 84
- C. 78
- D. 80



Q6. CAT 2020 – QUANT - SLOT 1

In a group of people, 28% of the members are young while the rest are old. If 65% of the members are literates, and 25% of the literates are young, then the percentage of old people among the illiterates is nearest to

- A. 59
- B. 62
- C. 66
- D. 55



Q7. CAT 2020 – QUANT - SLOT 2

In May, John bought the same amount of rice and the same amount of wheat as he had bought in April, but spent 150 more due to price increase of rice and wheat by 20% and 12%, respectively. If John had spent 450 on rice in April, then how much did he spend on wheat in May?

- A. 590
- B. 580
- C. 560
- D. 570



Q8. CAT 2020 – QUANT - SLOT 3

In the final examination, Bishnu scored 52% and Asha scored 64%. The marks obtained by Bishnu is 23 less, and that by Asha is 34 more than the marks obtained by Ramesh. The marks obtained by Geeta, who scored 84%, is

A. 439

B. 417

C. 357

D. 399



Q9. CAT 2019 – QUANT - SLOT 1

In a class, 60% of the students are girls and the rest are boys. There are 30 more girls than boys. If 68% of the students, including 30 boys, pass an examination, the percentage of the girls who do not pass is

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Q10. CAT 2020 – QUANT - SLOT 3

Meena scores 40% in an examination and after review, even though her score is increased by 50%, she fails by 35 marks. If her post-review score is increased by 20%, she will have 7 marks more than the passing score. The percentage score needed for passing the examination is

- A. 75
- B. 80
- C. 60
- D. 70

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