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CAT

Blitzkrieg

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1. CAT 2021 - Slot 1

The amount Neeta and Geeta together earn in a day equals what Sita alone earns in 6 days. The amount Sita and Neeta together earn in a day equals what Geeta alone earns in 2 days. The ratio of the daily earnings of the one who earns the most to that of the one who earns the least is

- A. 7 : 3
- B. 11 : 3
- C. 11 : 7
- D. 3 : 2



2. CAT 2020 - Slot 2

A sum of money is split among Amal, Sunil and Mita so that the ratio of the shares of Amal and Sunil is 3:2, while the ratio of the shares of Sunil and Mita is 4:5. If the difference between the largest and the smallest of these three shares is Rs 400, then Sunil's share, in rupees, is

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3. CAT 2020 - Slot 3

Dick is thrice as old as Tom and Harry is twice as old as Dick. If Dick's age is 1 year less than the average age of all three, then Harry's age, in years, is

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4. CAT 2019 - Slot 2

In an examination, Rama's score was one-twelfth of the sum of the scores of Mohan and Anjali. After a review, the score of each of them increased by 6. The revised scores of Anjali, Mohan, and Rama were in the ratio 11:10:3. Then Anjali's score exceeded Rama's score by

- A. 26
- B. 32
- C. 24
- D. 35



5. CAT 2019 - Slot 2

The salaries of Ramesh, Ganesh and Rajesh were in the ratio 6:5:7 in 2010, and in the ratio 3:4:3 in 2015. If Ramesh's salary increased by 25% during 2010-2015, then the percentage increase in Rajesh's salary during this period is closest to

- A. 7
- B. 9
- C. 8
- D. 10



6. CAT 2018 - Slot 1

Raju and Lalitha originally had marbles in the ratio 4 : 9. Then Lalitha gave some of her marbles to Raju. As a result, the ratio of the number of marbles with Raju to that with Lalitha became 5 : 6. What fraction of her original number of marbles was given by Lalitha to Raju?

- A. $\frac{1}{4}$
- B. $\frac{1}{5}$
- C. $\frac{6}{19}$
- D. $\frac{7}{33}$



7. CAT 2018 - Slot 2

The scores of Amal and Bimal in an examination are in the ratio $11 : 14$. After an appeal, their scores increase by the same amount and their new scores are in the ratio $47 : 56$. The ratio of Bimal's new score to that of his original score is

- A. $3 : 2$
- B. $4 : 3$
- C. $5 : 4$
- D. $8 : 5$



8. CAT 2017 - Slot 1

A stall sells popcorn and chips in packets of three sizes: large, super, and jumbo. The numbers of large, super, and jumbo packets in its stock are in the ratio $7 : 17 : 16$ for popcorn and $6 : 15 : 14$ for chips. If the total number of popcorn packets in its stock is the same as that of chips packets, then the numbers of jumbo popcorn packets and jumbo chips packets are in the ratio:

- A. $1 : 1$
- B. $8 : 7$
- C. $4 : 3$
- D. $6 : 5$



9. CAT 2017 - Slot 1

Suppose, C1, C2, C3, C4, and C5 are five companies. The profits made by C1, C2, and C3 are in the ratio 9 : 10 : 8 while the profits made by C2, C4, and C5 are in the ratio 18 : 19 : 20. If C5 has made a profit of Rs 19 crore more than C1, then the total profit (in Rs) made by all five companies is:

- A. 438 crore
- B. 435 crore
- C. 348 crore
- D. 345 crore



10. CAT 2017 - Slot 2

If a , b , c are three positive integers such that a and b are in the ratio $3 : 4$ while b and c are in the ratio $2 : 1$, then which one of the following is a possible value of $(a + b + c)$?

- A. 201
- B. 205
- C. 207
- D. 210

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