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| Section: Quantitative Aptitude - Arithematic Ability |

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Which of the following will be Rajan's position from the right? |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | A: Tenth | B: Twenty-sixth | C: Twenty-ninth | D: Twenty-fifth | E: None of these | |  |  |  |  |  |  |  | | --- | |  | |  |  |  |  | | --- | --- | | Q.2 | If Ram invests Rs. 40,000 in a business and after 6 months Ravi invests Rs. 20,000. If the annual profit is Rs. 5000 then Ravi's share is |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | A: Rs. 2000 | B: Rs. 1000 | C: Rs. 1200 | D: Rs. 1800 |  | |  |  |  |  |  |  |  | | --- | |  | |  |  |  |  | | --- | --- | | Q.3 | A sum of Rs. 21,840 is to be distributed among 3 friends (Bharati, Sanjay and Govinda) in such a way that Bharati gets twice as much as Sanjay and Govinda gets two and a half times as much as Bharati. What is the share of Govinda? |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | A: Rs. 18,200 | B: Rs. 14,560 | C: Rs. 13,650 | D: Rs. 7,280 |  | |  |  |  |  |  |  |  | | --- | | Instructions for Question No. 4 to 3 : | | Directions : Choose the correct answer : |  |  |  | | --- | --- | | Q.4 | Out of 9 persons, 8 persons spent Rs. 30 each for their meals. The ninth one spent Rs. 20 more than the average expenditure of all the nine. The total money spent by all of them was : |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | A: Rs. 260 | B: Rs. 290 | C: Rs. 292.50 | D: Rs. 400.50 |  | |  |  |  |  |  |  |  | | --- | |  | |  |  |  |  | | --- | --- | | Q.5 | If (64^2) - (36^2) = 20 \* x, then x= ? |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | A: 70 | B: 120 | C: 180 | D: 140 | E: none of these | |  |  |  |  |  |  |  | | --- | |  | |  |  |  |  | | --- | --- | | Q.6 | On dividing a number by 5, we get 3 as remainder. What will be the remainder when square of this number is divided by 5? |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | A: 0 | B: 1 | C: 2 | D: 4 |  | |  |  |  |  |  |  |  | | --- | |  | |  |  |  |  | | --- | --- | | Q.7 | By selling a watch for Rs. 840, a shopkeeper gets a profit of 20%. What is the cost price of the watch? |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | A: Rs. 640 | B: Rs. 700 | C: Rs. 680 | D: Rs. 750 |  | |  |  |  |  |  |  |  | | --- | |  | |  |  |  |  | | --- | --- | | Q.8 | Ramesh buys 2 articles for Rs. 600. He sells one of them at a profit of 22% and other at a loss of 8% and makes no profit or loss at the end. What is the cost price of the article he sold at a loss? |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | A: Rs. 400 | B: Rs. 420 | C: Rs. 440 | D: None of these |  | |  |  |  |  |  |  |  | | --- | |  | |  |  |  |  | | --- | --- | | Q.9 | If x varies inversely as y^2-6 and is equal to 2 when y = 16, find x when y = 16. |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | A: 4 | B: 0 | C: 1 | D: 2 |  | |  |  |  |  |  |  |  | | --- | |  | |  |  |  |  | | --- | --- | | Q.10 | The electricity bill of a certain establishment is partly fixed and partly varies as the number of units of electricity consumed. When in a certain month 540 units are consumed, the bills Rs. 1800.In another month 620 units are consumed and the bill is Rs.2040.In yet another month 500 units are consumed. The bill for that month would be : |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | A: Rs. 1560 | B: Rs. 1680 | C: Rs. 1840 | D: Rs. 1950 |  | |  |  |  |  |  |  |  | | --- | | Instructions for Question No. 11 : | | Directions : Study the information below and answer the question based on it. A, B, C, D, E, F and G are brothers. Two brothers had an arguments and A said to B “You are as old as C was when I was twice as old as D, and will be as old as E was when he was as old as C is now.” B said to A “You may be older than F but G is as old as I was when you were as old as G is, and D will be as old as F was when F will be as old as G is”. |  |  |  | | --- | --- | | Q.11 | Which of the following is false? |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | A: G has 4 elder brothers. | B: A is older than G but younger than E. | C: B has three elder brothers. | D: Three is a pair of twins among the brothers. |  | |  |  |  |  |  | | |