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| Section: Quantitative Aptitude - Arithematic Ability |

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If the son attains an age of fifteen (15) years after three (3) years, what is the present age of the mother? |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | A: 60 years | B: 51 years | C: 48 years | D: 45 years | E: 65 years | |  |  |  |  |  |  |  | | --- | |  | |  |  |  |  | | --- | --- | | Q.3 | If 15 Horses eat 15 bags of gram in 15 days, in how many days will one horse eat one bag of Grain? |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | A: 15 days | B: 1/15 days | C: 1 day | D: 30 days | E: 225 days | |  |  |  |  |  |  |  | | --- | | Instructions for Question No. 4 to 3 : | | Directions : Choose the correct answer : |  |  |  | | --- | --- | | Q.4 | The average of five number is 27. If one number is excluded, the average becomes 25. The excluded number is : |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | A: 25 | B: 27 | C: 30 | D: 35 |  | |  |  |  |  |  |  |  | | --- | |  | |  |  |  |  | | --- | --- | | Q.5 | Out of three numbers, the second number is twice the first and also one third of the third number. If the average of the three numbers is 54. Find the second number. |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | A: 36 | B: 18 | C: 108 | D: 56 |  | |  |  |  |  |  |  |  | | --- | |  | |  |  |  |  | | --- | --- | | Q.6 | Average of two numbers is 14.5 and square root of their product is 10. What are the numbers? |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | A: 16 and 9 | B: 25 and 4 | C: 4 and 16 | D: 25 and 9 |  | |  |  |  |  |  |  |  | | --- | |  | |  |  |  |  | | --- | --- | | Q.7 | There were 35 students in a hostel. If the number of students increases by 7, the expenses of the mess increase by Rs. 42 per day while the average expenditure per head diminishes by Rs. 1. Find the original expenditure of the mess. |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | A: Rs. 480 | B: Rs. 520 | C: Rs. 420 | D: Rs. 460 |  | |  |  |  |  |  |  |  | | --- | |  | |  |  |  |  | | --- | --- | | Q.8 | (?) - 19657 - 33994 = 9999 |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | A: 63650 | B: 53760 | C: 59640 | D: 61560 |  | |  |  |  |  |  |  |  | | --- | |  | |  |  |  |  | | --- | --- | | Q.9 | A man bought some oranges at Rs. 10 per dozen and bought the same number of organs at Rs. 8 per dozen. He sold these organs at Rs. 11 per dozen and gained Rs. 120. The total number of oranges bought by him was : |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | A: 30 dozens | B: 40 dozens | C: 50 dozens | D: 60 dozens |  | |  |  |  |  |  |  |  | | --- | |  | |  |  |  |  | | --- | --- | | Q.10 | A discount of 15% on one article is the same as a discount of 20% on another article. The costs of the two articles can be : |  |  |  |  |  |  | | --- | --- | --- | --- | --- | | A: Rs. 40, Rs. 20 | B: Rs. 60, Rs. 40 | C: Rs. 80, Rs. 60 | D: Rs. 60, Rs. 40 |  | |  |  |  |  |  |  |  | | --- | |  | |  |  |  |  | | --- | --- | | Q.11 | A certain sum is divided between two persons in the ratio of 3 : 4. If the share of one person is Rs. 20 less than the other, find the sum. |  |  |  |  |  | | --- | --- | --- | --- | | A: Rs. 140 | B: Rs. 150 | C: Rs. 160 | D: Rs. 170 | | |