7. The Average of five numbers is 54. If there of the numbers are 26, 28, and 30, what is the Average of the other two?

Average

$$\left(\underline{\quad\quad} \right)$$

Q NO:7

Average of 5 numbers 54

- $54 \times 5 = 270$

- $26, 28, 30 = 84$

5 numbers sum equal 270

3 numbers sum equal 84

Sum of two remaing $= 186$

$$\frac{186}{2} = 93$$

Therefore, the average of other two no is $= 93$

B. 93 Correct

11. The Average of five numbers is 34. If three of the numbers are 28, 30 and 32. What is the sum of the other two?

A. 40   B. 50   C. 60   D. 70   E. 80

12. If the Average of three numbers is V. if one of the numbers is Z and another is Y, What is the remaining number?

A.   ZY - V

B.   Z/V – 3 - Y

C.   Z/3 – V - Y

D.   3V – Z - Y

E.   V-Z –Y

13. Average of A, B and C is 32 and Average of A and B is 30. What is the value of C?

A. 34   B. 35   C. 36   D. 38

14. Average age of 15 students of class is 11 years. If the teacher is also included the average age becomes 13 years. How old is teacher?

A. 39 years   B. 43 years   C. 46 years   D. 49 years

Q.NO.11

o Average of 5 no, 34

o Sum $\dfrac{34 \times 5 = 170}{5}$ 34 Average

o @ Three of the numbers are 28, 30, 32

$\dfrac{28 + 30 + 32 = 90}{3}$

o Sum of five no = 170 - Sum of 3 numbers = 90

$170 - 90 = 80$

Thus, the sum of other two numbers i's 80

6. 80 correct

Q.NO.13

Average of $\dfrac{A B C}{3}$ 32

Sum $32 \times 3 = 96$

Average $\dfrac{A B}{2}$ is 30

$30 \times 2 = 60$

$96 - 60 = 36$

Therefore, the value of C is 36

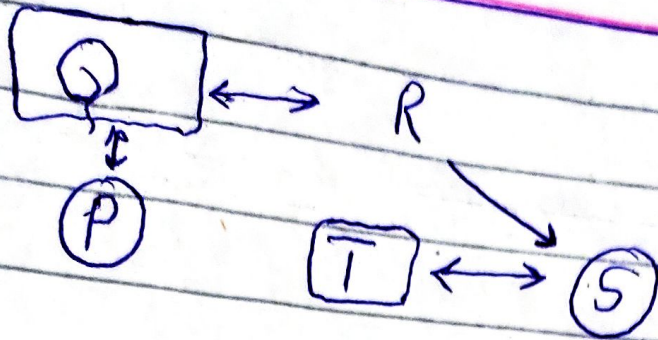**C. 36 correct**

Q. No 14

o Average age 15   11 years

o Sum $\dfrac{15 \times 15 = 165}{15}$

$16 \times 13 = 208$

$\begin{array}{r} 165 \\ 208 \\ \hline 43 \end{array}$

So, the age of teacher is **B. 43 years**

Q8 Q is the brother of R; P is the sister of Q; T is the brother of S; S is the daughter of R. Who are the niece and nephew of Q ?

$$Q \longleftrightarrow R$$
$$P$$
$$T \longleftrightarrow S$$

T - S

Sol:

- Q is the brother of R
- and P is the sister of Q and R
- R is the father of S and T

- T is the nephew of Q and S is the niece of Q
Thus, S and T

15. Average age of Ali, Nadeem and Salman is 30 years while average age of Salman and Nadeem is 31 years. What is the age of Ali?

A.26 years

B. 27 years

C. 28 years

D.29 years

average

Q.15.

Average age

i. Ali, Nadeem, Salman 30 years

Sum   ii. $30 \times 3 = 90$

Average age

Salman and Nadeem 31 years

Sum $31 \times 2 = 62$

A,N,S $90 - S,N$ $62 = 28$

Thus, the age of Ali is 28 years

C. 28 Correct