

19. There are 45 persons staying at a hostel. The average expense of a person for a day are Rs.20. The total expenses for all the persons for a week are?  
A.295            B. 900            C. 9000            D.6300
20. The Average earning of a shop for first three weeks of a month are 2750 per week. If the earning of next 2 weeks are 4750 rupees, then find total earning of the 5 weeks?  
A.3000            B. 7500            C. 17750            D.13000
21. The average height of a class of 18 students is 105 cm. After the arrival of 7 new students the average decrease by 5cm. find sum of the heights of all students in the class?  
A.1890            B. 2500            C. 2625            D.2890
22. The average temperature of a week is  $33^{\circ}\text{C}$ . Average of first three days is  $30^{\circ}\text{C}$  while of the last three is  $35^{\circ}\text{C}$ . What is the temperature of the fourth day?  
A. $33^{\circ}\text{C}$             B.  $35^{\circ}\text{C}$             C.  $36^{\circ}\text{C}$             D. $40^{\circ}\text{C}$
23. A shopkeeper bought 5 dozen of eggs in 50 rupees, 84 eggs in Rs.70 and 3 dozen in Rs.30 the average rate of one dozen will be?  
A.10            B. 12            C. 13            D.15
24. Find the temperature on Sunday if sum of temperature of other 6 days is  $145^{\circ}\text{C}$  and average of the whole week is  $25^{\circ}\text{C}$ ?  
A. $29^{\circ}\text{C}$             B.  $30^{\circ}\text{C}$             C.  $28^{\circ}\text{C}$             D. $31^{\circ}\text{C}$
25. Sum of weights of a class of 20 students is 290 kg. Another student of weight 25kg is also enrolled. Find the new average of the class?  
A.15kg            B. 17kg            C. 21kg            D.14kg
26. The average age of a class is 12 years and total age is 300 years. If a student of age 15 years is now admitted then find the average of a new class?  
A.12.11 years            B. 11.2 years            C. 13.12 years            D.10.13 years
27. Ali drove at 50 km per hour for first three hours of his trip. Then due to heavy traffic, he drove at 40 km per hour for two hours. Find his average speed of a trip?  
A.48 km/hr            B. 45 km/hr            C. 46 km/hr            D.43 km/hr
28. Average of 8 numbers is 31, seven of them are 15, 45, 17, 19, 33, 48 and 65. What is the eighth number?  
A.15            B. 6            C. 23            D.34
29. Average of 5 numbers is 80. If three of these are 70, 80 and 90. Find the average of the other two?  
A.90            B. 70            C. 80            D.85

9. The Average wages of a worker during 15 consecutive working day was Rs.90 Per day. During the first 7 days his average wages was Rs.87 per day and the average wages during the last 7 days was Rs.91 per day. What was his wage on the 8<sup>th</sup> day?

A.83                  B. 92                  C. 90                  D.97                  E. 123

**Basic Arithmetic And General Mathematics**

10. The Average Age of a group of 12 student is 20 years. If 4 more students join the group, the average age increase by 1 year. The average age of the new students is?

A.24                  B. 26                  C. 23                  D.22                  E. 32

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

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

16. Average attendance of a class on Monday, Tuesday and Wednesday was 37 while average attendance on Monday and Tuesday was 36. What was the attendance on Wednesday?

A.36                  B. 37                  C. 38                  D.39

17. Average age of 11 employees of a firm was 33 years with the appointment of a new employee the average age came down to 32.5 years. What is the age of the new employee?

A.29 years                  B. 27 years                  C. 25 years                  D.23 years

18. A Family with six members has an average age of 25 while a family of 9 has an average age of 35. The combine average age of both the families will be?

A.30                  B. 31                  C. 39                  D. None

Average

Q 22.

o Average temperature of a week  $33^{\circ}\text{C}$   

$$\frac{\quad}{7}$$

o Sum  $33 \times 7 = 231$

o Average of the first three days  $30^{\circ}\text{C}$

Sum  $30 \times 3 = 90$

o Average of last 3 days  $35^{\circ}\text{C}$

Sum  $35 \times 3 = 105$

7 days temperature  $231 - \text{first three days} + \text{last three days} = 195$

o Subtraction  $231 - 195 = 36^{\circ}\text{C}$  is the temperature of fourth day.

C.  $36^{\circ}\text{C}$  is correct

Q 24.

o Sum of 6 days  $145^{\circ}\text{C}$   

$$\frac{\quad}{6 \text{ days}}$$

o Average of the whole week is  $25^{\circ}\text{C}$

o Sum of the 7 days temperature

$25 \times 7 = 175^{\circ}\text{C}$

o Subtraction 6 days  $145 - 7 \text{ days } 175^{\circ}\text{C} = 30^{\circ}\text{C}$

Thus, temperature on Sunday is  $30^{\circ}\text{C}$

Ans: B.  $30^{\circ}\text{C}$

Q No. 25

o Sum of weights of 20 students  
is 290

o Another student enrolled 21 students

Sum of weights '315'

$$\text{Average} = \frac{315}{21}$$

The Average of 21 <sup>15 kg</sup> students is  
15

Thus, the new average of the class is  
15

A. 15 kg

Q No 29.

- o Average of 5 numbers is 80
  - o Sum  $5 \times 80 = 400$
  - o 80, 70, 90 three of the numbers
  - o Sum  $80 + 70 + 90 = 240$
- 400 - sum of 5 numbers - 240 of three numbers = 160

$$\frac{160}{2} = 80$$

Therefore, the average of other two is 80

C. 80 is correct

Q No 28.

- o Average of 8 numbers is 31
  - o Sum  $8 \times 31 = 248$
  - o Seven of them are 15, 45, 17, 19, 33, 48 and 65 = 242
- ↓
- Sum 248
- 8 numbers' sum 248 - 7 numbers' sum 242 = 6

Therefore, the eight number is 6

B. 6 is correct

Q(13)

o 20 male workers per person per day <sup>RS</sup> 25

o Sum  $20 \times 25 = 500$

o 15 female workers per female R.S 20

o Sum  $15 \times 20 = 300$

o 5 child workers 8 RS per day

o Sum  $5 \times 8 = 40$

20 + 15 + 5 40 individuals

Summing up  $500 + \overset{300}{\cancel{150}} + 40 = \cancel{690}$   $\frac{840}{40} = 21$

Thus, the contractor pay R.S 21 per day

~~per day~~

## Word Jumble

Sesnsoucin



Conscious

~~we~~

raed



~~Read~~  
Read

dlwo



world

rteah

~~tear~~ earth

Nereg



Green

Yorix



~~Yorix~~  
irony