

Average | औसत

1. Find the average of first 300 even numbers.
 (A) 301 (B) 300
 (C) 302 (D) 301.5
2. Find the average of first 250 odd numbers.
 (A) 251 (B) 250.5
 (C) 250 (D) 251.5
3. Find the average of first 200 natural numbers?
 (A) 100 (B) 101.5
 (C) 102.5 (D) 100.5
4. If average of certain consecutive even numbers is 80, find the sum of these numbers.
 (A) 6320 (B) 4320
 (C) 5320 (D) 7320
5. If average of certain consecutive odd numbers is 60, find the sum of these numbers.
 (A) 3200 (B) 3600
 (C) 3400 (D) 3500
6. If average of the initial consecutive natural numbers is 40.5, find the sum of these numbers.
 (A) 3140 (B) 3440
 (C) 3240 (D) 3340
7. If the average of 8 consecutive even numbers is 105, find the greatest number among them.
 (A) 111 (B) 113
 (C) 112 (D) 114
8. If the average of 20 consecutive odd numbers is 76, find the smallest number among them.
 (A) 57 (B) 53
 (C) 47 (D) 55
9. If the average of 20 consecutive odd numbers is 104, find the difference between the greatest and the smallest number?
 (A) 36 (B) 34
 (C) 32 (D) 38
10. The arithmetic mean of 100 observations is 24.6. This mean is added to each observation and then each of them is multiplied by 2.5. What is the new arithmetic mean?
 (A) 75.5 (B) 75
 (C) 85 (D) 85.5
11. The average salary of 15 people is Rs. 5500. If the salary of one more person is added, the average increases to Rs. 5700. What is the salary of this person?
 (A) 7700 (B) 6700
 (C) 8700 (D) 6300
12. Average weight of 24 students is 35 kg. If the weight of a teacher is added, the average weight is increased by 400 gm. What is the weight of the teacher?
 (A) 45 kg (B) 49 kg
 (C) 48 kg (D) 51kg
13. The average weight of 8 candidates increases by 1.5 kg if a man, whose weight is 65 kg, is replaced by another man. What is the weight of the new man?
 (A) 75 kg (B) 78 kg
 (C) 76 kg (D) 77 kg

14. The average age of 24 boys and their teacher is 15 years. When the teacher's age is excluded, the average decreased by 1 year. The age of the teacher is?
 (A) 38 (B) 37
 (C) 39 (D) 36
15. The average salary of the entire staff in an office is Rs. 120. The average salary of an officer is Rs. 460 and that of non-officers is Rs. 110. If the number of officers is 30, then find the number of non-officers in the office.
 (A) 1020 (B) 1060
 (C) 1040 (D) 1080
16. The average salary of seven technicians in an office is Rs. 12000 while the average salary of a non-technician is Rs. 6000. If the average salary of all employees is Rs. 8000, what would be the total number of employees?
 (A) 20 (B) 22
 (C) 21 (D) 23
17. There are 1800 students in a school the average age of boys is 12 years and the average age of girls is 11 years; the average age of all students is 11 years 9 months. Find the total number of boys and girls in the school.
 (A) Boys = 1400 girls = 400
 (B) Boys = 1350 girls = 450
 (C) Boys = 1300 girls = 500
 (D) Boys = 1200 girls = 600
18. The average of the largest and the smallest three-digit number formed by the digits (0, 2, 4) is?
 (A) 312 (B) 315
 (C) 313 (D) 314
19. If the arithmetic mean of $3a$ and $4b$ is greater than 50 and 'a' is twice of 'b', then the smallest possible integer value of a would be?
 (A) 20 (B) 18
 (C) 21 (D) 19
20. The average of 3^{30} , 3^{60} , 3^{90} is?
 (A) $3^{27}+3^{57}+3^{87}$
 (B) 3^{66}
 (C) $3^{29}+3^{59}+3^{89}$
 (D) 3^{177}
21. Average of 20 numbers is 35 and it is later found that one figure, 85, was mistakenly read as 45. What is the right average?
 (A) 35 (B) 36
 (C) 38 (D) 37
22. In a group of numbers, the first number is 4 times the second and 3 times the third. If the average of all three numbers is 95, what would be the third number?
 (A) 65 (B) 62
 (C) 68 (D) 60
23. The average weight of A, B and C is 45 kg. If the average weight of A and B is 40kg and that of B and C is 43kg, then what is the weight of B?
 (A) 30 kg/किग्रा. (B) 31 kg/किग्रा.
 (C) 32 kg/किग्रा. (D) 33 kg/किग्रा.
24. Out of 12 people, the weight of the first 11 is 95kg out and the weight of the 12th person is 33 kg more than the average weight of all 12 people. Find the weight of the 12th person.
 (A) 131 (B) 132
 (C) 130 (D) 133