

NORTHEAST PSC

(Series and Average)

(By AmarjeetSir)

(9 Years Teaching Experience |
Mentored 10000+ Students |

200+ Selection in APSSB & APPSC Exams)

Q1. The average of 2, 7, 6 and x is 5 and the average of 18, 1, 6, x and y is 10. What is the value of y ?

[APSSB CGL 2022]

- (A) 5
- (B) 10
- (C) 20
- (D) 30

Q2. The average of first 50 natural numbers is

[APSSB CGL 2022]

- (A) 12.2
- (B) 21.15
- (C) 25
- (D) 25.5

Q3. The average of runs of a cricket player of 10 innings was 31. How many runs must in his next innings so as to increase his average of runs by 4?

[APSSB CGL 2022]

- (A) 2
- (B) 4
- (C) 70
- (D) 76

Q4. The average marks of 4 students is 70. If 3 of them scored 71, 69 and 50, then marks of 4th student is

[APSSB CHSL 2023]

- (A) 78
- (B) 90
- (C) 92
- (D) 80

Q5. How many terms of the A.P. 9, 17, 25, must be taken to give a sum of 636?

[APSSB CHSL 2021]

- (A) 10
- (B) 13
- (C) 9
- (D) 12

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Q6. The sum of first 15 multiples of 8 is

[APSSB CHSL 2021]

- (A) 1060
- (B) 860
- (C) 960
- (D) 4060

Q7. The first 4 multiples of 8 are

[APSSB LDC 2021]

- (A) 1, 2, 4
- (B) 8, 16, 24, 32
- (C) 2, 4, 6
- (D) None of these

Q8. The 11th term of the A.P. - 3, $-\frac{1}{2}$, 2.... Is

[APSSB CHSL 2021]

- (A) 28
- (B) 22
- (C) -38
- (D) $-48\frac{1}{2}$

Q9. If for an A.P. $T_3 = 18 = T_7 = 30$, then S_{17} is equal to

[APSSB CGL 2022]

- (A) 612
- (B) 622
- (C) 306

(D) None of these

Q10. The average of 15, 20 and 31

[APSSB CLDCE Driver 2022]

- (A) 22
- (B) 21
- (C) 33
- (D) 25

Q11. Average of all prime numbers between 30 and 50 is.

[APSSB Jr. Estt./Draughtsman 2021]

- (A) 30.5
- (B) 39.8
- (C) 37.5
- (D) 39.5

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Q12. Find the average of all the numbers between 6 and 34 which are divisible by 5.

[APSSB CGL 2021]

- (A) 16
- (B) 20
- (C) 24
- (D) 3

Q13. The average of 7 consecutive numbers is 20. The largest of these numbers is

[APSSB CGL 2021]

- (A) 20
- (B) 22
- (C) 23
- (D) 24

Q14. The average of all odd natural numbers upto 51 is

[APSSB CGL 2021]

- (A) 25.5
- (B) 26
- (C) 29
- (D) 51

Q15. The average age 40 members is 35. If two numbers 84 and 62 are not included, the average of the remaining number is

[APSSB CGL 2021]

- (A) 35
- (B) 34
- (C) 33
- (D) 32

Q16. The average weight of 8 persons is increased by 1.5 kg when one man who weights 65 kg is replaced by a new man. The weight of the new man is

[APSSB CGL 2021]

- (A) 70 kg
- (B) 75 kg
- (C) 80 kg
- (D) 77 kg

Q17. The average weight of 8 persons increases by 2.5 kg when a new person come in place of one of them weighting 65 kg. What might be the weight of the new person?

[APSSB Forest Guard 2022]

- (A) 76 kg
- (B) 76.5 kg
- (C) 85 kg
- (D) None of these

Q18. If the total weight of 25 boxes is 100 kgs then the average weight of a box is

[APSSB Forest Guard 2022]

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- (A) 40 kgs
- (B) 4 kgs
- (C) 0.4 kgs
- (D) 2500 kgs

Q19. The average age of 10 boy in class is 11 years. then the sum of their ages is

[APSS8 Fireman & Mineral Guard 2023]

- (A) 11 yrs
- (B) 110 yrs
- (C) 100 yrs
- (D) None of these

Q20. The average of first 5 natural numbers is

[APSSB CGL 2023]

- (A) 15
- (B) 13
- (C) 3
- (D) 7.5

Q21. Mr. Bean obtained 70 and 75 marks in first two tests. The minimum marks he should get in the third test to have an average of atleast 60 marks is

[APSSB CGL 2021]

- (A) 75
- (B) 35

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- (C) 70
- (D) 6

Q22. The average age of 10 boys in a class is 13 years. What is sum of their ages?

[APSSB LDC 2020]

- (A) 130
- (B) 120
- (C) 150
- (D) 180

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Q23. The average of ten numbers is 7. If each number is multiplied by 12, then the average of the new set of number is

[APSSB CGL 2022]

- (A) 7

- (B) 19
- (C) 82
- (D) 84

Q24. The average age of 12 girls in a locality is 8 years. If another person of 21 years join the locality, then the average age of 13 people becomes

- (A) 10 years
- (B) 8.5 years
- (C) 9 years
- (D) 13 years

Q25. If total price of 10 kgs of banana is Rs. 475, then the average price per kg of banana is

- (A) Rs. 4.75
- (B) Rs. 47.5
- (C) Rs. 45.7
- (D) None of these

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