1. The captain of a cricket team of 11 members is 26 years old and the wicket keeper is 3 years older. If the ages of these two are excluded, the average age of the remaining players is one year less than the average age of the whole team. What is the average age of the team?
A. 23 years
B. 24 years
C. 25 years
D. 26 years
E. None of these

2. The average monthly income of P and Q is Rs. 5050. The average monthly income of Q and R is Rs. 6250 and the average monthly income of P and R is Rs. 5200. The monthly income of P is:
A. 3500
B. 4000
C. 4050
D. 5000
E. None of these

3. The average age of husband, wife and their child 3 years ago was 27 years and that of wife and the child 5 years ago was 20 years. The present age of the husband is:
A. 35 years
B. 40 years
C. 50 years
D. 60 years
D. None of these

4. A car owner buys petrol at Rs.7.50, Rs. 8 and Rs. 8.50 per litre for three successive years. What approximately is the average cost per litre of petrol if he spends Rs. 4000 each year?
A. Rs. 7.98
B. Rs. 8
C. Rs. 8.50
D. Rs. 9
E. None of these

5. In Arun's opinion, his weight is greater than 65 kg but less than 72 kg. His brother doest not agree with Arun and he thinks that Arun's weight is greater than 60 kg but less than 70 kg. His mother's view is that his weight cannot be greater than 68 kg. If all are them are correct in their estimation, what is the average of different probable weights of Arun?
A. 67 kg.
B. 68 kg.
C. 69 kg.
D. Data inadequate
E. None of these

6. The average weight of A, B and C is 45 kg. If the average weight of A and B be 40 kg and that of B and C be 43 kg, then the weight of B is:
A. 17 kg
B. 20 kg
C. 26 kg
D. 31 kg
E. None of these

7. The average weight of 16 boys in a class is 50.25 kg and that of the remaining 8 boys is 45.15 kg. Find the average weights of all the boys in the class.
A. 47.55 kg
B. 48 kg
C. 48.55 kg
D. 49.25 kg
E. None of these

8. A library has an average of 510 visitors on Sundays and 240 on other days. The average number of visitors per day in a month of 30 days beginning with a Sunday is:
A.250
B.276
C.280
D.285
E. None of these

9. If the average marks of three batches of 55, 60 and 45 students respectively is 50, 55, 60, then the average marks of all the students is:
A. 53.33
B. 54.68
C. 55
D.53.64
E. None of these

10. A pupil's marks were wrongly entered as 83 instead of 63. Due to that the average marks for the class got

increased by half (1/2). The number of pupils in the class is:

A. 10
B. 20
C. 40
D. 73
E. None of these

11. Shubham was conducting an experiment in which the average of 11 observations came to be 90, while the average of first five observations was 87, and that of the last five was 84. What was the measure of the 6th observation?

A. 165
B. 150
C. 145
D. 135
E. 125

12. A batsman has a certain average of runs for 12 innings. In the 13th innings he scores 96 runs, thereby increasing his average by 5 runs. What is his average after the 13th innings?

A. 64
B. 48
C. 36
D. 72
E. 89

13. There was one mess for 30 boarders in a certain hostel. If the number of boarders was increased by 10, the expenses of the mess increased by Rs. 40 per month, while the average expenditure per head diminished by Rs. 2. Find the original monthly expenses.

A. Rs. 390
B. Rs. 360
C. Rs. 410
D. Rs. 480
E. Rs. 450

14. The mean monthly salary paid to 75 workers in a factory is Rs. 5680. The mean salary of 25 of them is Rs. 5400 and that of 30 others is Rs. 5700. The mean salary of remaining workers is:

A. Rs. 5000
B. Rs. 7000
C. Rs. 6000
D. Rs. 8000
E. Rs. 9000

15. Of the three numbers, the first is twice the second and the second is twice the third. The average of these three numbers is 21. Find the largest number.

A. 36
B. 38
C. 47
D. 48
E. 35

16. In a mathematics exam, a student scored 30% marks in the first paper out of a total of 180. How much should he score in the second paper out of a total of 150, if he is to get an overall average of 50%?

A. 74%
B. 76%
C. 70%
D. 80%
E. 75%

17. The average marks of a student in 8 subjects is 87. Of these, the highest marks are 2 more than the next in value. If these two subjects are eliminated, the average marks of the remaining subjects is 85. What is highest score?

A. 91
B. 94
C. 89
D. 96
E. 92

18. An officer's pension on retirement from service is equal to half the average salary during last 36 months of his service. His salary from 1 January, 2014 is Rs. 3800 per month with increment of Rs. 400 on 1 October 2014, October 2015 and 1 October, 2016. If he retires on 1 January, 2017, what pension does he draw?

A. Rs. 2100
B. Rs. 2150
C. Rs. 2200
D. Rs. 2250
E. Rs. 2300

19. In a one-day cricket match, Virat, Sehwag, Sachin, Dhoni and Yuvraj scored an average of 39 runs. Dhoni scored 7 more than Yuvraj. Yuvraj scored 9 fewer than Virat. Sehwag scored as many as Dhoni and Yuvraj combined; and Sehwag and Sachin together scored 110 runs between them. How many runs did Sachin score?

A. 47
B. 51
C. 53
D. 49
E. 57

20. The average of marks obtained by 120 candidates was 35. If the average of the passed candidates was 39 and that of the failed candidates was 15, then the

number of those candidates, who passed the examination was
A. 100
B. 110
C. 120
D. 150
E. 115

21. 3 years ago, the average of a family of 5 members was 17years. A baby having been born, the average age of the family is the same today. The present age of the baby is:
A. 5 years
B. 2 years
C. 1 year
D. 4 years
E. None of these

22. Of the four numbers, the first is twice the second, the second is one-third of the third and the third is 5 times the fourth.The average of the numbers is 24.75. The largest of these numbers is:
A. 45
B. 25
C. 30
D. 45
E. None of these

23. The average age of students of a class is 15.8 years. The average age of boys in the class is 16.4 years and that of the girls is 15.4 years. The ratio of the number of boys to the number of girls in the class is:
A. 1 : 4
B. 2 : 3
C. 3 : 4
D. 4 : 2
E. None of these

24. The average price of 10 books is Rs. 12 while the average price of 8 of these books is Rs. 11.75. Of the remaining two books, if the price of one book is 60% more than the price of the other, what is the price of each of these two books?
A. Rs 10 and Rs 16
B. Rs 12 and Rs 24
C. Rs 24 and Rs 18
D. Rs 28 and Rs 12
E. None of these

25. The average age of 30 boys of a class is equal to 14 years. When the age of the class teacher is included the average becomes 15 years. Find the age of the class teacher?
A. 50
B. 44
C. 45
D. 42
E. None of these

26. The Average of marks obtained by 120 candidates in a certain examination is 35. If the average marks of passed candidates is 39 and that of failed candidates is 15, what is the number of candidates who passed the examination?
A. 90
B. 100
C. 108
D. 115
E. None of these

27. The average of 11 results is 50. If the average of first 6 results is 49 and that of last 6is 52, find the sixth result?
A. 55
B. 56
C. 65
D. 62
E. None of these

28. The average age of a family of 6 members is 22 years. If the age of the youngest member be 7 years, then what was the average age of the family at the birth of the youngest member?
A.15
B.18
C.28
D.24
E. None of these

29. A batsman in his 17th innings makes a score of 85, and thereby increases his average by 3. What is his average after 17 innings?
A. 30
B. 37
C. 40
D. 45
E. None of these

30. There were 35 students in a hostel. If the number of students increase 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. 450

B. 420

C. 430

D. 410

E. None of these