

1.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]17kg B]20kg C]2kg D]31 kg

2.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

3.If the average of three numbers is 20 and the sum of the first two numbers is 40, what is the third number?

A]45

B]25

C]20

D]More than one of the above

4.There are 10 bangles in a gift box. The average weight of the first 4 is 51 grams and the average weight of the remaining 6 bangles is 52 grams. Find the total average weight of all bangles (in grams)?

A]51.2

B]51.4

C]51.6

D]More than one of the above

E]None of the above

5.The average age a family consists of six members is 20 years. If one person is removed, the average becomes 15 years. Find the age of the person removed?

A]45 years

B]40 years

C]42 years

D]More than one of the above

6..Five students measured the lengths of their pencils using a scale and the results were as follows:

15.5 cm, 12 cm, 11.8 cm, 9.7 cm, 7 cm

What is the average length of all pencils?

A]10.6 cm

B]11.4 cm

C]10.9 cm

D]More than one of the above

E]None of the above

7.

How many marks did Tarun secure in English?

I.

The average mark obtained by Tarun in four subjects including English is 60.

II.

The total marks obtained by him in English and Mathematics together are 170.

III.

The total marks obtained by him in Mathematics and Science together are 180.

- A]I and II only
- B]II and III only
- C]I and III only
- D]All I, II and III
- E]None of these

8..In the first 10 overs of a cricket game, the run rate was only 3.2. What should be the run rate in the remaining 40 overs to reach the target of 282 runs?

- A]6.25
- B]6.5
- C]6.75
- D]7

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]None of these

10.What is the average of natural numbers from 1 to 67?

- A]34
- B]35
- C]45
- D]24

11.The average weight of a group of seven boys is 56 kg. The individual weights (in kg) of six of them are 52, 57, 55, 60, 59 and 55. Find the weight of the seventh boy.

- A]34KG
- B]79.5KG
- C]56.3KG
- D]54KG

12.For 9 innings, Boman has an average of 75 runs. In the tenth inning, he scores 100 runs, thus increasing his average . His new average is

- A] Rs. 75
- B] Rs. 100
- C] Rs. 72
- D] Rs. 77.5

13. The average number of 8 terms is given to be 40 and the average of first 6 terms is given to be 35. What is the average of the remaining 2 terms?

- A] 30
- B] 55
- C] 40
- D] 42

14. The average age of A, B and C is 26 years. If the average age of A and C is 29 years, what is the age of B in a year?

- A] 25
- B] 28
- C] 21
- D] 24

15. A cricketer scored 180 runs in the first test and 258 runs in the second. How many runs should he score in the third test so that his average score in the three tests would be 230 runs?

- A] 200
- B] 252
- C] 270
- D] 280

16. Three years ago, the average age of a family of 5 members was 17 years. A baby having been born, the average age of the family is the same today. The present age of the baby is:

- A] 2 years
- B] 1 years
- C] 3 years
- D] 0 years

17. Average weight of 11 students is 30 kg. If the average weight increases by 0.5 kg when Suresh, one of the students leaves the group, what is Suresh's weight?

- A] 30 kg
- B] 20 kg
- C] 10 kg
- D] 25 kg

18. The average salary of all the workers in a workshop is Rs. 8000. The average salary of 7 technicians is Rs. 12000 and the average salary of the rest is Rs. 6000. The total number of workers in the workshop is:

- A] 21

B]14

C]7

D]20

19.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]53.23

B]54.69

C]55.23

D]56.69

20.In a class of 60 students, the average marks of the first 45 students is 80, while the average marks of the remaining 15 students is 90. What is the average marks of the entire class?

A]85

B]82.5

C]87.5

D]88

21.find the average of all the numbers between 8 and 55 which are divisible by 7.

A]27.5

B]32

C]31

D]31.5

22.the average of 7 consecutive no is 20. the largest of these no is .

A]22

B]23

C]19

D]18

23.the average of 7 consecutive even no is 21. the largest of these no is .

A]26

B]24

C]28

D]30

24.the average of 7 data is 34 and the average of first 3 data is 28 and the average of next two data is 47 find the average of last two data

A]36

B]37

C]30

D]75

25. A batsman scores 90 runs in 12th inning and this decreases his average by 5. Find his average after 12th inning.

- A] 160
- B] 150
- C] 155
- D] 145

26. In an examination the average of 40 students is 72. Afterwards it is found that the marks of 3 students were misread as 68, 72, 73 instead of 64, 62 and 84 respectively. Find the correct average.

- A] 70
- B] 76.2
- C] 75
- D] 72.1

27. If the average of three consecutive even numbers is 34, find the largest of these numbers.

- A] 30
- B] 32
- C] 34
- D] 36

28. 10 typists can type 600 pages in 8 hours. Find the average number of pages typed by each typist in an hour.

- A] 7 pages
- B] 7.5 pages
- C] 8 pages
- D] 8.5 pages

29. The average of Sohan's marks in 6 subjects is 74. If his average in five subjects excluding science is 70, how many marks did he obtain in science?

- A] 94
- B] 92
- C] 90
- D] 88

30. Average age of a group of 30 boys is 16 years. A boy of age 19 leaves the group and a new boy joins the group. If the new average age of the group is 15.8 years, find the age of the new boy.

- A] 12 years
- B] 13 years
- C] 14 years
- D] 15 years

31. The average weight of 10 men is decreased by 2 kg when one of them whose weight is 60 kg is replaced by a new man. What is the weight of the new man?

- A] 35 kg
- B] 40 kg
- C] 45 kg
- D] 50 kg

32. The average age of 30 boys in a class is 15 years. If we include the age of two teachers the average age increases by 1. Find the sum of ages of the two teachers.

- A] 55 years

- B]58 years
- C]62 years
- D]64 years.

33. The average age of the committee of 10 members is 40 years. A member of age 52 retires and a new member of age 38 takes his place. What is the average age of the present committee?

- A]38.6 years
- B]33.5 years
- C]35.5 years
- D]37.5 years

34. A group consists of two male, two female and three children. The average age of the male is 67 years, that of the female is 35 years, and that of the children is six years. What is the average age of the group?

- A]30.71
- B]31.71
- C]28.71
- D]35.45

35. Mohan gets a salary of Rs. 6435, Rs. 6927, Rs. 6855, Rs. 7230 and Rs. 6562 for 5 months. How much salary he must have in the sixth month so that he gets an average of Rs. 6500?

- A]4091
- B]4991
- C]3499
- D]3344

36. The average weight of 8 women increases by 2.5 kg when a new woman replaces one of them weighing 65 kg. Find the weight of the new woman.

- A]20
- B]85
- C]67
- D]80

37. The captain of a cricket team of 11 members is 26 years old, and the wicket-keeper is three years older than the captain. If the ages of captain and wicketkeeper are excluded, the average age of the remaining players of the team is one year less than the average age of the whole team. What is the average age of the team?

- A] 19
- B]49
- C]17
- D]23

38. The average monthly income of Rakesh and Suresh is Rs. 5050. The average monthly income of Suresh and Ramesh is Rs. 6250 and the average monthly income of Rakesh and Ramesh is Rs. 5200. What is the monthly income of Rakesh?

- A]3000
- B]6000
- C]4000
- D]2500

39. Three years ago, the average age of Anita, Priya, and Varsha was 27 years. If five years ago, the average age of Priya and Varsha was 20 years, find the present age of Anita.

- A]30

- B]40
- C]60
- D]25

40. In Varun's opinion, his weight is greater than 65 kg but less than 72 kg. His father does not agree with Varun, and he thinks that Varun's weight is greater than 60 kg but less than 70 kg. His sister's view is that his weight cannot be greater than 68 kg. If all are correct in their estimation, what is the average of the different possible weights of Varun?

- A]60
- B]65
- C]67
- D]54