

### AGES

1) 10 years ago, the average age of a family of 4 members was 24 years. Two children having been born with age difference of 2 years, the present average age of the family is the same. The present age of the youngest child is:

- a) 1 year b) 2 years c) 3 years d) 5 years e) None of these

2) Three years ago, the average age of A and B was 18 years. With C joining them, the average age becomes 22 years. How old is C now?

- a) 24 years b) 27 years c) 28 years d) 30 years e) None of these

3) The average age of a husband and wife was 23 years at the time of their marriage. After five years they have a one-year old child. The average age of the family now is:

- a) 19 years b) 23 years c) 28.5 years d) 29.3 years e) None of these

4) A family consists of grandparents, parents and three children. The average age of the grandparents is 67 years, that of the parents is 35 years and that of the grandchildren is 6 years. What is the average age of the family?

- a) 28  $\frac{4}{7}$  years b) 31  $\frac{5}{7}$  years c) 32  $\frac{1}{7}$  years d) 31 years e) None of these

5) The average age of three boys is 16 years. If their ages are in the ratio 4 : 5 : 7, then the age of youngest boy is :

- a) 8 years b) 9 years c) 12 years d) 16 years e) None of these

6) Average age of 6 sons of a family is 8 years. Average age of the sons together with their parents is 22 years. If the father is older than the mother by 8 years, then the age of the mother is

- a) 44 years b) 52 years c) 60 years d) 68 years e) None of these

7) The average age of the mother and her six children is 12 years which is reduced by 5 years if the mother is excluded. How old is the mother?

- a) 40 years b) 42 years c) 48 years d) 50 years e) None of these

8) The average age of A, B and C is 7 years. The average age of A and B is 6 years and that of B and C is 8 years. Find the age of B.

- a) 6 years b) 7 years c) 8 years d) 9 years e) None of these

9) The average age of 3 friends is 23. Even if the age of the 4th friend is added, the average remains 23. What is the age of the 4th friend?

- a) 21 years b) 23 years c) 32 years d) Cannot be determined e) None of these

10) At present the sum of ages of R and K is 63 years. The ratio of their ages after 7 years will be 7 : 4. What is the present age of R?

- a) 40 years b) 42 years c) 38 years d) 39.5 years e) None of these

11) The ages of K and C are in the ratio 3 : 7. After 2 years their age will be in the ratio 1 : 2. The sum of their ages is

- a) 18 years b) 20 years c) 37 years d) 50 years e) None of these

12) Ratio of A's to P's age is equal to 4 : 3. A will be 26 years old after 6 years. How old is P now?

- a) 12 years b) 21 years c) 15 years d) 19  $\frac{1}{2}$  years e) None of these

13) 10 years ago A's mother was 4 times older than her daughter. After 10 years the mother will be two times the age of her daughter. The present age of A is

- a) 5 years b) 10 years c) 20 years d) 30 years e) None of these



14) In 10 years, A will be twice as old as B was 10 years ago. If A is now 9 years older than B, the present age of B is

- a) 29 years   b) 39 years   c) 19 years   d) 49 years   e) None of these

15) The ratio of the mother's age to the daughter's age is 4 : 1. The product of their ages is 196. The ratio of their ages after 8 years will be

- a) 8 : 3   b) 12 : 5   c) 5 : 3   d) 7 : 3   e) None of these

16) If difference between ages of B and R is 15 years and ratio of their ages is 3 : 2, then the ages of R is

- a) 25 years   b) 20 years   c) 28 years   d) 30 years   e) None of these

17) Ten years ago the ratio of ages of P and Q was 5 : 3. If the difference between their ages after 9 years will be 8 years. The present age of P is

- a) 30 years   b) 25 years   c) 16 years   d) 28 years   e) None of these

18) The present age difference between father and son is 14 years. The ratio of their ages will be 4 : 3 after 11 years. How old is son now?

- a) 25 years   b) 31 years   c) 30 years   d) 28 years   e) None of these

19) The ratio of present ages of x and y is 2 : 3 and the sum of their ages after 4 years will be 68 years. What is the age of y now?

- a) 35 years   b) 36 years   c) 24 years   d) 28 years   e) None of these

20) The average age of Rajan and Sajan after a period of 5 years from now will be 20 years. Rajan's present age is 12 years. What is their average age now?

- a) 14   b) 15   c) 10   d) 17   e) None of these

21) The average age of P, Q and R is 5 years more than R's age. If the total ages of P and Q together is 39 years, what is R's age?

- a) 24 years   b) 16 years   c) 14 years   d) 12 years   e) None of these

22) The average age of A and B is 54 years, the average age of B and C is 55 years and the average age of C and A is 59 years. What is the age of B in years?

- a) 62   b) 48   c) 56   d) 50   e) None of these

23) Five years ago average age of P and Q was 15 years. Average age of P, Q and R today is 20 years. How old R will be after 10 years?

- a) 10 years   b) 20 years   c) 30 years   d) 40 years   e) None of these

24) The age of three members of a family are 5, 10, 15 years respectively. What is their average age?

- a) 10 years   b) 5 years   c) 15 years   d) 20 years   e) None of these

25) The average age of a family of five persons is 20 years. If the youngest member is 8 years old. What was the average age of the family at the time of birth of the youngest member?

- a) 12 years   b) 15 years   c) 18 years   d) 16 years   e) 23 years

26) Sachin is younger than Rahul by 4 years. If their ages are in the respective ratio of 7 : 9, how old is Sachin?

- a) 16 years   b) 18 years   c) 28 years   d) Can't be determined   e) None of these

27) The ratio between the present ages of P and Q is 6 : 7. If Q is 4 years old than P, what will be the ratio of the ages of P and Q after 4 years?

- a) 3 : 4   b) 3 : 5   c) 4 : 3   d) Data inadequate   e) None of these

28) The ratio between the present ages of P and Q is 5 : 7 respectively. If the difference between Q's present age and P's age after 6 years is 2, what is the total of P's and Q's present ages?

- a) 48 years   b) 52 years   c) 56 years   d) Cannot be determined   e) None of these

29) At present, the ratio between the ages of Arun and Deepak is 4 : 3. After 6 years, Arun's age will be 26 years. What is the age of Deepak at present?

- a) 12 years   b) 15 years   c)  $19\frac{1}{2}$  years   d) 21 years   e) None of these

30) Present ages of X and Y are in the ratio 5 : 6 respectively. Seven years hence this ratio will become 6 : 7 respectively. What is X's present age in years?

- a) 35   b) 42   c)  $19\frac{1}{2}$  years   d) 21 years   e) None of these

31) Present ages of Sameer and Anand are in the ratio of 5 : 6 respectively. Three years hence, the ratio of their ages will become 11 : 9 respectively. What is Anand's present age in years?

- a) 24   b) 27   c) 40   d) Cannot be determined   e) None of these

32) Six years ago, the ratio of the ages of Kunal and Sagar was 6 : 5. Four years hence, the ratio of their ages will be 11 : 10. What is Sagar's age at present?

- a) 16 years   b) 18 years   c) 20 years   d) Cannot be determined   e) None of these

33) The ratio of the present ages of two brothers is 1 : 2 and 5 years back, the ratio was 1 : 3. What will be the ratio of their ages after 5 years?

- a) 1 : 4   b) 2 : 3   c) 3 : 5   d) 5 : 6   e) None of these

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