

## **PROBLEMS ON AGES**

1. 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

2. The present ages of three persons in proportions 4 : 7 : 9. Eight years ago, the sum of their ages was 56. Find their present ages (in years).

- A. 8, 20, 28
- B. 16, 28, 36
- C. 20, 35, 45
- D. None of these

3. Q is as much younger than R as he is older than T. If the sum of the ages of R and T is 50 years, what is definitely the difference between R and Q's age?

- A. 1 year
- B. 2 years
- C. 25 years
- D. Data inadequate

4. The age of father 10 years ago was thrice the age of his son. Ten years hence, father's age will be twice that of his son. The ratio of their present ages is:

- A. 5 : 2
- B. 7 : 3

C. 9 : 2

D. 13 : 4

5. The total age of A and B is 12 years more than the total age of B and C. C is how many years younger than A ?

A) 12

B) 13

C) 14

D) 15

6. If two times of the daughter's age in years is included to the mother's age, the total is 70 and if two times of the mother's age is included to the daughter's age, the total is 95. So the Mother's age is,

A) 30

B) 38

C) 40

D) 41

7. The ratio of the ages of Maala and Kala is 4 : 3. The total of their ages is 2.8 decades. The proportion of their ages after 0.8 decades will be [1 Decade = 10 years]

A) 4:3

B) 12:11

C) 7:4

D) 6:5

8. The ages of Krish and Vaibhav are in the proportion of 3 : 5. After 9 years, the proportion of their ages will be 3 : 4. Then the current age of Vaibhav is:

A) 10

B) 13

C) 15

D) 18

9. The age of a person is thrice the total ages of his 2 daughters. 0.5 decades hence, his age will be twice of the total ages of his daughters. Then what is the father's current age? [0.5 Decades = 5 Years]

A) 35 years

B) 40 years

C) 45 years

D) 47 years

10. Sivagami is 2 years elder than Meena. After 6 years the total of their ages will be 7 times of their current age. Then age of Sivagami is :

A) 19 years

B) 17 years

C) 15 years

D) data inadequate

11. The ratio of the father's age to the son's age is 3 : 1. The product of their ages is 147. The ratio of their ages after 5 years will be?

A 13:6

B 13:9

C 6:14

D none of the above

12. Proportion of Yuvraj's age to Ganguly's age is 4:3. Yuvraj will be 26 years old after 6 years. What is the age of Ganguly now ?

- A) 17 years
- B) 15 years
- C) 19 years
- D) 12 years

13. The ages of X and Y are in the proportion of 6:5 and total of their ages is 44 years. The proportion of their ages after 8 years will be

- A) 3:6
- B) 6:3
- C) 8:7
- D) 9:5

14. 8 years ago Rama's mother was five times older than her daughter. After 8 years the mother will be twice older than her daughter . Find the present age of Rama?

- A 13 yrs
- B 14 yrs
- C 15 yrs
- D None

15. The average age of a couple was 26 years at the time of marriage. After 11 years of marriage, the average age of the family with 3 children become 19 years. The average age of the children is

- A 6 yrs
- B 7 yrs
- C 8 yrs
- D 9 yrs

16. The sum of the present ages of two persons A and B is 60. If the age of A is twice that of B, find the sum of their ages 5 years hence?

- A. 50
- B. 60
- C. 70
- D. 80

17. A man said to his son, "I was two-third of your present age when you were born". If the present age of the man is 48 years, find the present age of the son.

- A 25
- B 26
- C 27
- D None

18. The average of ages of three persons is 60 years . Those ages are in the proportion of 1:2:3. What is the age of the youngest one among them?

- A 25
- B 30
- C 40
- D 50

19. When I was married 10 years ago my wife is the 6th member of the family. Today my father died and a baby born to me. The average age of my family during my marriage is same as today. What is the age of Father when he died ?

- A) 50 yrs
- B) 60 yrs
- C) 70 yrs

D) 65 yrs

20. The ratio of Karthik's and Kalyan's ages is 4: 5. If the difference between the present age of Kalyan and the age of Karthik 5 years hence is 3 years, then what is the total of present ages of Karthik and Kalyan?

A) 56 years

B) 62 years

C) 69 years

D) 72 years

21. Ten years ago, Kumar was thrice as old as Sailesh was but 10 years hence, he will be only twice as old. Find Kumar's present age ?

A) 50 years

B) 70 years

C) 60 years

D) 40 years

22. The ratio of present ages of Hema and Chinnu is 13:17. Four years ago the ratio of their ages was 11:15. What will be the ratio of their ages six years hence ?

A) 3 : 7

B) 7 : 9

C) 4 : 5

D) 1 : 3

23. "I am five times as old as you were, when I was as old as you are", said a man to his son. Find out their present ages, if the sum of their ages is 64 years ?

A) Father = 50; Son =14

B) Father = 40; Son =24

C) Father = 60; Son =4

D) Father = 48; Son =16

24. When Raj Tarun was born, his father was 32 years older than his brother and his mother was 25 years older than his sister. If Raj Tarun's brother is 6 years older than Raj Tarun and his mother is 3 years younger than his father, how old was Raj Tarun's sister when Raj Tarun was born ?

A) 5

B) 10

C) 15

D) 8

25. The average of the ages of Sushanth, Krish and Rishi is 43 years and the average of the ages of Sushanth, Rishi and Rohit is 49 years. If Rohit is 54 years old, what is Krish's age ?

A) 34 years

B) 26 years

C) 24 years

D) 36 years

26. Eight years ago, Ajay's age was  $\frac{4}{3}$  times that of Vijay. Eight years hence, Ajay's age will be  $\frac{6}{5}$  times that of Vijay. What is the present age of Ajay?

A) 41 yrs

B) 40 yrs

C) 37 yrs

D) 33 yrs

27. A is three times as old as B. C was twice-as old as A four years ago. In four years' time, A will be 31. What are the present ages of B and C ?

- A) 45, 10
- B) 10, 50
- C) 9, 50
- D) 50, 15

28. The ages of Anushka, Kajal and Charu latha together are 57 years. Bharti is thrice as old as Anushka and Charu latha is 12 years older than Anushka. Then, the respective age of Anushka, Kajal and Charu latha is ?

- A) 27, 9, 21
- B) 9, 21, 27
- C) 21, 27, 9
- D) 9, 27, 21

29. A woman says, "If you reverse my own age, the figures represent my husband's age. He is, of course, senior to me and the difference between our ages is one-eleventh of their sum." The woman's husband age is ?

- A) 45
- B) 24
- C) 42
- D) 54

30. Rajan got married 8 years ago. His present age is  $\frac{6}{5}$  times his age at the time of his marriage. Rajan's sister was 10 years younger to him at the time of his marriage. The age of Rajan's sister is:

- A. 32 years
- B. 36 years
- C. 38 years



D. 40 years

31. The ratio of the present ages of P and Q is 3:4. 5 years ago, the ratio of their ages was 5:7. Find the their present ages?

A. 30, 40

B. 25, 30

C. 50, 60

D. 20, 40

32. A man said to his son, "I was two-third of your present age when you were born". If the present age of the man is 48 years, find the present age of the son?

A. 25.7 years

B. 28 years

C. 29.3 years

D. 28.8 years

33. Sachin is younger than Rahul by 7 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. None of these

34. 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. None of these

35. 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

36. 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

37. 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. 49

D. Cannot be determined

38. Present ages of Sameer and Anand are in the ratio of 5:4 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

39. Six years ago, the ratio of 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

40. The ratio between the school ages of Neelam and Shaan is 5:6 respectively. If the ratio between the one-third age of Neelam and half of Shaan's age is 5:9, then what is the school age of Shaan?

A. 25 years

B. 30 years

C. 36 years

D. Cannot be determined

41. The ratio between the present ages of A and B is 5:3 respectively. The ratio between A's age 4 years ago and B's age 4 years hence is 1:1. What is the ratio between A's age 4 years hence and B's age 4 years ago?

A. 1:3

B. 2:1

C. 3:1

D. 4:1

42. A is two years older than B who is twice as old as C. If the total of the ages of A, B and C be 27, then how old is B?

- A. 7
- B. 8
- C. 9
- D. 10

43. A person's present age is two-fifth of the age of his mother. After 8 years, he will be one-half of the age of his mother. How old id the mother at present?

- A. 32 years
- B. 36 years
- C. 40 years
- D. 48 years

44. Tanya's grandfather was 8 times older to her 16 years ago. He would be 3 times of her age 8 years from now. Eight years ago, what was the ratio of Tanya's age to that of her grandfather?

- A. 1:2
- B. 1:5
- C. 3:8
- D. None of these

45. The age of father 10 years ago was thrice the age of his son. Ten years hence, father's age was five times the age of the son. After 6 years, son's age will be:

- A. 5:2
- B. 7:3
- C. 9:2
- D. 13:4

46. The sum of the ages of 5 children born at the intervals of 3 years each is 50 years. What is the age of the youngest child?

- A. 4 years
- B. 8 years
- C. 10 years
- D. None of these

47. A father said to his son, "I was as old as you are at present at the time of your birth." If the father's age is 38 years now, the son's age five years back was:

- A. 19 years
- B. 14 years
- C. 33 years
- D. 38 years

48. Ayesha's father was 38 years of age when she was born while her mother was 36 years old when her brother four years younger to her was born. What is the difference between the ages of her parents?

- A. 2 years
- B. 4 years
- C. 6 years
- D. 8 years

49. A person was asked to state his age in years. His reply was, "Take my age three years hence, multiply it by 3 and then subtract three times my age three years ago and you will know how old I am." What was the age of the person?

- A. 18 years
- B. 20 years
- C. 24 years

D. 32 years

50. What is John's present age, if after 10 years his age will be 5 times his age 5 years back.

a. 6.2 years

b. 7.7 years

c. 8.7 years

d. 10 years

51. Rahul is 15 years elder than Rohan. If 5 years ago, Rahul was 3 times as old as Rohan, then find Rahul's present age.

a. 32.5 years

b. 27.5 years

c. 25 years

d. 24.9 years

52. One year ago, ratio of Harry and Peter age's was 5 : 6 respectively. After 4 years, this ratio becomes 6 : 7. How old is Peter?

a. 25 years

b. 26 years

c. 31 years

d. 35 years

53. Age of mother 10 years ago was 3 times the age of her son. After 10 years, mother's age will be twice that of his son. Find the ratio of their present ages.

a. 11 : 7

b. 9 : 5

c. 7 : 4

d. 7 : 3

54. Sharad is 60 years old and Santosh is 80 years old. How many years ago was the ratio of their ages 4 : 6?

a. 10 years

b. 15 years

c. 20 years

d. 25 years

55. The ratio of Rohan's age 4 years ago and Rahul's age after 4 years is 1 : 1. If at present, the ratio of their ages is 5 : 3, then find the ratio between Rohan's age 4 years hence and Rahul's age 4 years ago.

a. 1 : 3

b. 3 : 1

c. 4 : 3

d. 3 : 4

56. 5 years ago, sister's age was 5 times the age of her brother and the sum of present ages of sister and brother is 34 years. What will be the age of her brother after 6 years?

a. 12 years

b. 13.5 years

c. 15 years

d. 20 years

57. Father is 3 times more aged than his daughter. If after 5 years, he would be 3 times of daughter's age, then further after 5 years, how many times he would be of his daughter's age?

a. 1 ( $\frac{1}{2}$ ) times

b. 2 times

c. 2.5 times

d. 3 times

58. A man's current age is  $\frac{2}{5}$  of the age of his father. After 8 years, he will be  $\frac{1}{2}$  of the age of his father. What is the age of father at now?

A) 50 years

B) 40 years

C) 33 years

D) 43 years

59) If two times of the daughter's age in years is included to the mother's age, the total is 70 and if two times of the mother's age is included to the daughter's age, the total is 95. So the Mother's age is,

A) 30 years

B) 38 years

C) 40 years

D) 41 years

60. The age of mother one decade ago was three times the age of her daughter. 10 years hence, mother's age will be two times that of her daughter. The proposition of their current ages

A) 6 : 1

B) 7 : 3

C) 8 : 6

D) 10 : 5