

## PROBLEMS BASED ON AGES

- Q.1- The ratio of present ages of P and Q is 7 : 3. After four years their ages are in the ratio of 2 : 1. What is the present age of P ?  
a) 24 years                      b) 28 years                      c) 32 years                      d) Data inadequate
- Q.2- The ratio of the ages of father and son at present is 6 : 1. After 5 years, the ratio will become 7:2. The present age of the son is :  
a) 10 years                      b) 9 years                      c) 6 years                      d) 5 years
- Q.3- 6 years ago Jagunnath was twice as old as Badri. If the ratio of their present ages is 9:5 respectively, what is the difference between their present ages in years ?  
a) 24                      b) 30                      c) 50                      d) Cannot be determined
- Q.4- 3 years ago Ambuj was thrice as old as Avinash. If the ratio of their present ages is 8 : 3 respectively, what is the different between their present ages in years ?  
a) 32 years                      b) 30 years                      c) 28 years                      d) 35 years
- Q.5- The ratio of the ages of the father and the son at present is 4 : 1. After 9 years the ratio will become 5 : 2. What is the sum of the present ages of the father and the son ?  
a) 50 years                      b) 60 years                      c) 45 years                      d) 55 years
- Q.6- The ratio of the ages of the father and the son at present is 5 : 3. After 7 years the ratio will become 3 : 2. What is the sum of the present ages of the father and the son ?  
a) 46 years                      b) 48 years                      c) 56 years                      d) 58 years
- Q.7- If the product of the present ages of the father and his son is 3600 years and the ratio present ages is 16 : 9. Find the difference between their present ages.  
a) 45 years                      b) 40 years                      c) 35 years                      d) None of these
- Q.8- The ratio of the father's age to the son's age is 4 : 1. The product of their ages is 196. The ratio of their ages after 5 years will be.  
a) 3 : 1                      b) 10 : 3                      c) 11 : 4                      d) 14 : 5
- Q.9- If the ratio of the ages of A and B at present is 7 : 2. 7 years earlier, the ratio was 6 : 1. What is the sum of the present ages of A and B ?  
a) 36 years                      b) 63 years                      c) 64 years                      d) 46 years
- Q.10- If the ratio of the ages of A and B at present is 5 : 3. 6 years earlier, the ratio was 2:1. What is the sum of the present ages of A and B ?  
a) 48 years                      b) 46 years                      c) 47 years                      d) 49 years
- Q.11- A man's age is 150% of what it was 10 years ago, but 75% of what it will be after 10 years. What is his present age ?  
a) 25 years                      b) 30 years                      c) 35 years                      d) 40 years
- Q.12- The ratio of P's and Q's ages is 5 : 7. If the difference between the present age of Q and the age of P 6 years hence is 2. Then what is the total of present ages of P and Q ?  
a) 52 years                      b) 48 years                      c) 56 years                      d) Data inadequate
- Q.13- The difference between the ages of two persons is 12 years. 6 years ago, the ratio of the elder and younger one is 5 : 2. Then the present age of younger one is \_\_\_\_\_ years.  
a) 16                      b) 28                      c) 14                      d) 24

- Q.14- The difference of present ages of A and B is 10 years. If 4 years back their ages were in the ratio of 7 : 5. Find the sum of their present ages.  
a) 39 years                      b) 58 years                      c) 78 years                      d) 68 years
- Q.15- The product of the ages of Harish and Seema is 240. If twice the age of Seema's is more than Harish's age by 4 years, what is Seema's age in years ?  
a) 12 years                      b) 20 years                      c) 10 years                      d) 14 years  
e) Data inadequate
- Q.16- Jayesh is twice as old as Vijay's and half as old as Suresh. If the sum of Suresh's and Vijay's is 85 years, what is Jayesh's age in years ?  
a) 34                              b) 36                              c) 68                              d) Can not be determined  
e) None of these
- Q.17- Present age of Rahul is 8 years less than Ritu's present age. If 3 years ago Ritu's age was X, which of the following represents Rahul's present age ?  
a)  $x + 3$                       b)  $x - 5$                       c)  $x - 3 + 8$                       d)  $x + 3 + 8$   
e) None of these
- Q.18- If 6 years are subtracted from the present age of Randheer and the remainder is divided by 18, then the present age of his grandson Anup is obtained. If Anup is 2 years younger to Mahesh whose age is 5 years, then what is the age of Randheer ?  
a) 96 years                      b) 84 years                      c) 48 years                      d) 60 years
- Q.19- The ratio of Vimal's age and Arun's age is 3 : 5 and sum of their ages is 80 years. The ratio of their ages after 10 years will be —  
a) 2 : 3                              b) 1 : 2                              c) 3 : 2                              d) 3 : 5
- Q.20- Kamal got married 6 years ago. Today her age is  $1\frac{1}{4}$  times her age at the time of marriage. His son's age is  $\frac{1}{10}$  times her age. The age of her son is :  
a) 2 years                              b) 3 years                              c) 4 years                              d) 5 years

**ANSWER KEY**

1	B
2	D
3	A
4	B
5	C
6	C
7	C
8	C
9	B
10	A
11	B
12	B
13	C
14	B
15	A
16	A
17	B
18	D
19	A
20	B