1. Sachin is younger than Sandeep by 6 years. If their ages are in the respective ratio of 4:7, how old is Sachin?

A. 16 years

B. 18 years

C. 8 years

D. 12 years

E. None of these

2. Present ages of Sam and Ram are in the ratio of 4: 3 respectively. Five years hence, the ratio of their ages will become 5:4 respectively. What is Ram’s present age in years?

A. 24

B. 15

C. 20

D. Cannot be determined

E. None of these

3. Five years ago, the ratio of the ages of Kiran and Sai was 4:3. Five years hence, the ratio of their ages will be 5:4. What is Sai's age at present?

A. 40 years

B. 35 years

C. 29 years

D. Cannot be determined

E. None of these

4. At present, the ratio between the ages of Arjun and Deepak is 3:2. After 7 years, Arjun’s age will be 28 years. What is the age of Deepak at present?

A. 12 years

B. 14 years

C. 19 years

D. 21 years

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

6. A man is 20 years older than his son. In five years, his age will be twice the age of his son. The present age of his son is:

A. 14 years

B. 18 years

C. 20 years

D. 15 years

7 A is two years younger than B who is thrice as old as C. If the total of the ages of A, B and C be 47, then how old is B?

A. 27

B. 28

C. 9

D. 22

E. 21

8. The sum of the present ages of a father and his son is 50 years. Five years ago, father’s age was four times the age of the son. After 7 years, son’s age will be:

A. 12 years

B. 14 years

C. 18 years

D. 20 years

9. The present ages of three persons in proportions 4:5:7. Eight years ago, the sum of their ages was 40. Find their present ages (in years).

A. 16, 20, 28

B. 16, 28, 36

C. 20, 35, 45

D. None of these

10. Father is aged two times more than his son Ajay. After 5 years, he would be two times of Ajay’s age. After further 5 years, how many times would he be of Ajay’s age?

11) Mother is aged four times more than his son Vijay. After 6 years, he would be three times of Vijay’s age. After further 6 years, how many times would he be of Vijay’s age?

12) A person’s present age is half of the age of his mother. After 10 years, he will be two third of the age of his mother. How old is the mother at present?

A. 32 years

B. 16 years

C. 20 years

D. 28 years

13) The age of father 10 years ago was 1 ½ times the age of his son. Ten years hence, father’s age will be 4/3 times that of his son. The ratio of their present ages is:

A. 5:2

B. 7:5

C. 9:2

D. 13:4

14. A father said to his son, “I was as old as you are at the present at the time of your birth”. If the father’s age is 42 years now, the son’s age six years back was:

A. 14 years

B. 19 years

C. 12 years

D. 15 years

E. 21 years

15. Ayesha’s father was 34 years of age when she was born while her mother was 32 years old when her brother five years younger to her was born. What is the difference between the ages of her parents?

A. 7 years

B. 4 years

C. 6 years

D. 8 years

16. Q is as much younger than R as he is older than T. If the sum of the ages of R and T is 40 years, what is definitely the difference between R and Q’s age?

A. 1 year

B. 2 years

C. 25 years

D. Data inadequate

E. None of these