PROBLEM BASED ON AGES

1. The age of Arvind's father is 4 times his age. If 5 years ago, father's age was 7 times of the age of his son at that time, what is Arvind's father's present age?
   (1) 84 years (2) 70 years
   (3) 40 years
   (4) 35 years (5) None of these
2. The age of Ramesh is four times the age of Suresh. After ten years the age of Ramesh will be only twice the age of Suresh. Find the present age of Suresh.
   (1) 10 years (2) 11 years (3) 12 years
   (4) 5 years (5) None of these
3. 10 years ago Chandravati's mother was 4 times older than her daughter. After 10 years, the mother will be twice older than the daughter. The present age of Chandravati is :
   (1) 5 years (2) 10 years (3) 20 years
   (4) 30 years (5) None of these
4. 14 years ago Ram was 4 times the age of Pankaj. If the present age of Ram is twice the age of Pankaj, what will be the total of their present ages?
   (1) 42 years (2) 63 years (3) 62 years
   (4) 48 years (5) None of these
5. At present the age of the father is 3 times the age of his son, 9 years hence the fathers' age would be twice that of his son. What is the sum of the present ages of father and his son?
   (1) 36 years (2) 38 years (3) 32 years
   (4) 46 years (5) None of these
6. The sum of the ages of a father and a son is 50 years. Also, 5 years ago, the father's age was 7 times the age of the son. The present ages of the father and the son respectively, are :
   (1) 35 years, 15 years (2) 40 years, 10 years
   (3) 38 years, 12 years (4) 42 years, 8 years
   (5) None of these
7. The sum of the ages of a son and father is 56 years. After four years, the age of the father will be three times that of the son. Their ages respectively are :
   (1) 12 years, 44 years (2) 16 years, 48 years
   (3) 16 years, 42 years (4) 18 years, 6 years
   (5) None of these
8. 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 :
   (1) 10 years (2) 9 years (3) 6 years
   (4) 5 years (5) None of these
9. The ratio of the ages of A and B at present is 4 : 3. 10 years earlier, the ratio was 3 : 2, then find the present ages of A and B (in years).
   (1) 40, 30 (2) 48, 36 (3) 64, 48
   (4) 20, 15 (5) None of these
10. The ratio of the ages of A and B at present is 5 : 3. After 7 years the ratio will become 3 : 2. What is the sum of the present ages of A and B?
    (1) 46 years (2) 48 years (3) 56 years
    (4) 58 years (5) None of these
11. If the product of the present ages of A and B is 750 years and the ratio of their present ages is 6 : 5. Find the difference between their present ages.
    (1) 10 years (2) 15 years (3) 8 years
    (4) 5 years (5) None of these
12. If the ratio of the ages of A and B at present is 2 : 1. 6 years earlier, the ratio was 3 : 1. What is the sum of the present ages of A and B?
    (1) 24 years (2) 26 years (3) 34 years
    (4) 6 years (5) None of these
13. 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?
    (1) 25 years (2) 30 years (3) 35 years

(4) 40 years (5) None of these

14. 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?
(1) 52 years (2) 48 years
(3) 56 years (4) Data inadequate
(5) None of these

15. If the age of P and R are added to twice the age of Q, the total becomes 59. If the ages of Q and R are added to thrice the age of P, the total becomes 68. And if the age of P is added to thrice the age of Q and thrice the age of R, the total becomes 108. What is the age of P?
(1) 15 yrs. (2) 19 yrs. (3) 17 yrs.
(4) 12 yrs. (5) None of these

16. The product of the ages of Harish and Seema is 240. If twice the age of Seema is more than Harish's age by 4 years, what is Seema's age in years?
(1) 12 years (2) 20 years (3) 10 years
(4) 14 years (5) None of these

17. Jayesh is twice as old as Vijay and half as old as Suresh. If the sum of Suresh's and Vijay's ages is 85 years, what is Jayesh's age in years?
(1) 34 (2) 36 (3) 68
(4) Can't say (5) None of these

18. 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?
(1) $x + 3$ (2) $x - 5$ (3) $x - 3 + 8$
(4) $x + 3 + 8$ (5) None of these

19. The ratio of the present ages of a son and his father is 1 : 5 and that of his mother and father is 4 : 5. After 2 years the ratio of the age of the son to that of his mother becomes 3 : 10. What is the present age of the father?
(1) 30 years (2) 28 years (3) 35 years
(4) 30 years (5) None of these

20. 20 years ago my age was $\frac{1}{3}$ of what it is now. What is my present age?
(1) 30 years (2) 25 years (3) 5 years
(4) 40 years (5) None of these

21. 15 years hence, A will be twice as old as B, but five years ago A was 4 times as old as B. Find the difference of their present ages.
(1) 15 years (2) 45 years (3) 30 years
(4) 25 years (5) None of these

22. A says to B "I am twice as old as you were when I was as old as you are." The sum of their ages is 63 years. Find the difference of their ages.
(1) 27 years (2) 12 years (3) 9 years
(4) 6 years (5) None of these

23. A is as much younger than B as he is older than C. If the sum of B's and C's ages is 40 years. Find the age of A.
(1) 20 years (2) 25 years (3) 30 years
(4) 27 years (5) None of these

24. A is twice as old as B was two years ago. If the difference in their ages be 2 years, find A's age.
(1) 14 years (2) 18 years (3) 8 years
(4) 12 years (5) None of these

25. In ten years, A will be twice as old as B was 10 years ago. If A is now 9 years older than B. Find the present age of B.
(1) 39 years (2) 40 years (3) 36 years
(4) 49 years (5) None of these

26. Five years ago, the total of the ages of father and son was 60 years. The ratio of their present ages is 4 : 1. Then the present age of the father is _____.
(1) 48 years (2) 51 years (3) 56 years
(4) 61 years (5) None of these

27. Two years ago, A was four times as old as B. 8 years hence, A's age will exceed B's age by 12 years. The ratio of the present ages of A and B is_____.
(1) 3 : 1 (2) 4 : 1 (3) 3 : 2
(4) 5 : 1 (5) None of these

28. A is years younger to B. C is two years older than A. Then B's relation to C is _____.
(1) two years older (2) one year younger
(3) one year older (4) two years younger
(5) None of these

29. If C's age is twice the average age of A, B and C. A's age is one half the average of A, B and C. If B is 5 years old, the average age of A, B and C is _____.
(1) 10 years (2) 15 years (3) 12 years
(4) 9 years (5) None of these

30. A father's age is three times the sum of the ages of his two children, but 20 years hence his age will be equal to the sum of their ages. Then the father's age is _____.
(1) 30 years (2) 40 years (3) 5 years

(4) 45 years (5) None of these

31. A father's age is four times as much as the sum of the ages of his three children but 6 years hence his age will be only double the sum of their ages. Then the age of the father is _____.
(1) 30 years (2) 40 years (3) 60 years
(4) 45 years (5) None of these

32. The respective ages of a father and his son are 41 and 16 years. In how many years will the father be twice as old as his son?
(1) 19 years (2) 9 years (3) 10 years
(4) 15 years (5) None of these

33. The total ages of A, B and C at present is 90 years. Ten years ago the ratio of their ages was 1 : 2 : 3. Then the present age of B is _____.
(1) 30 years (2) 20 years (3) 40 years
(4) 45 years (5) None of these

34. The sum of the ages of a father and son is 45 years. Five years ago, the product of their ages was four times the father's age at that time, then the present ages of the father and son respectively are ____ and _____ years.
(1) 39, 6 (2) 35, 10 (3) 36, 9
(4) 40, 10 (5) None of these

35. The ratio of the father's and son's age is 7 : 4. The product of their ages is 1008. The ratio of their ages after 6 years hence will be _____.
(1) 5 : 3 (2) 8 : 5 (3) 7 : 4
(4) 5 : 8 (5) None of these

36. Ratio of Sujeet's age to Sameer's age is 4 : 3. Sujeet will be 26 years old after 6 years. Then the present age of Sameer is _____.
(1) 21 years (2) 15 years (3) 24 years
(4) 18 years (5) None of these

37. 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?
(1) 96 years (2) 84 years (3) 48 years
(4) 60 years (5) None of these

38. The ratio of Vimal's age and Arun's age 3 : 5 and sum of their ages is 80 years. The ratio of their ages after 10 years will be _____.
(1) 2 : 3 (2) 1 : 2 (3) 3 : 2
(4) 3 : 5 (5) None of these

39. Shyam is 3 times as old as his son. After 10 years, the sum of their ages will be 76 years. The respective ages of the father and the son are ____ and ____ years.
(1) 42, 14 (2) 39, 13 (3) 45, 15
(4) 47, 17 (5) None of these

40. A is 20 years older than B. He is also 6 times as old as B. Then the respective ages of A and B are____ and _____ years.
(1) 24, 4 (2) 42, 7 (3) 30, 5
(4) 35, 5 (5) None of these

41. The ages of A, B and C together total 185 years. B is twice as old as A and C is 17 years older than A. Then the respective ages of A, B and C are–
(1) 40, 86 and 59 years(2) 42, 84 and 59 years
(3) 40, 80 and 65 years(4) 42, 88 and 58 years
(5) None of these

42. The ratio of Vimal's age and Arun's age is 3 : 5 and the sum of their ages is 80 years. Find the ratio of their ages.
(i) after 10 years and (ii) 10 years ago
(1) 2 : 3, 2 : 1 (2) 2 : 3, 1 : 2
(3) 3 : 2, 1 : 2 (4) 3 : 2, 2 : 1
(5) None of these

43. 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 A is :
(1) 29 years (2) 39 years (3) 19 years
(4) 48 years (5) None of these

44. Kamla 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 (1/10) times her age. The age of her son is :
(1) 2 years (2) 3 years (3) 4 years
(4) 5 years (5) None of these

45. Sachin was twice as old as Ajay 10 years back. How old is Ajay today if Sachin will be 40 years old 10 years hence?
(1) 20 years (2) 10 years (3) 30 years
(4) 15 years (5) None of these