

### Age Based Puzzles

**Direction: (01-03):** Read the following information carefully and answer the questions that follow.

There are six persons namely A, B, C, D, E and F. They are arranged in descending order of their age from left to right. No two persons have the same age.

E is younger than A but elder to B. B is not the youngest. E is 25 years old. The difference of ages of D and E is 20 years. C is the second youngest person.

- If the sum of ages of A and E is 70 and the sum of ages of F and D is 89 years then what is the age of D?  
(A) 55 years (B) 20 years  
(C) 15 years (D) 5 years  
(E) 10 years
- If the sum of ages of A and E is 70 and the sum of ages of F and D is 89 then what is the possible age of C?  
(A) 45 years (B) 10 years  
(C) 26 years (D) 2 years  
(E) 30 years
- If the sum of ages of A and E is 70 and the sum of ages of F and D is 89 then what is the average of the ages of A and E?  
(A) 10 years (B) 15 years  
(C) 25 years (D) 35 years  
(E) 45 years

**Direction (04-08):** Read the following information carefully and answer the question given below it:

8 person P, Q, R, S, T, U, V, and W were born in different years viz. 1945, 1956, 1961, 1973, 1978, 1989, 1996 and 2007 but not necessarily in the same order.

S was born in an odd number year. The difference between the present age of S and V is 5. Only 3 people were born between V and T. The present age of W is twice the present age of Q. As many people were born

between T and Q as between T and P. R was born in one of the years before P.

(Calculate all ages with respect to the year 2018).

- In which year was R born?  
(A) 1945 (B) 1961  
(C) 1973 (D) 1989  
(E) 2007
- What is the age of U?  
(A) 62 (B) 57  
(C) 22 (D) 40  
(E) 73
- What is the difference between the ages of S and R?  
(A) 17 (B) 18  
(C) 19 (D) 16  
(E) 15
- Who was born before W but after U?  
(A) T (B) P  
(C) S (D) V  
(E) R
- What will be the age of S after 4 years?  
(A) 60 (B) 77  
(C) 61 (D) 62  
(E) 76

**Direction: (09-13):** Study the given information carefully and answer the following questions.

There are six persons A, B, C, D, F and G sitting in a row facing north direction but not necessarily in the same order. All have different ages.

Age of C is the sum of the ages of F and G who is sitting one of the extreme ends. C is sitting 2nd to the right of D whose age is thrice the age of F. Age of F is four more than the age of G. B who is 18 years old is sitting between G and C. The difference of ages between F and C is 8 years old. C is older than F. Number of persons sitting to the left of

A are one less than the number of persons sitting to the right of A who is two years younger than G.

9. What is the sum of the ages of A and C?  
(A) 18 (B) 24  
(C) 14 (D) 26  
(E) None of these

10. What is the age of A?  
(A) 12 years (B) 8 years  
(C) 10 years (D) 6 years  
(E) None of these

11. What is the position of A with respect to B?  
(A) first to the left  
(B) second to the right  
(C) first to the right  
(D) second to the left  
(E) None of these

12. How many people are sitting between A and C?  
(A) Two (B) Three  
(C) One (D) More than three  
(E) None of these

13. Who is sitting on the extreme left end?  
(A) G (B) F  
(C) B (D) D  
(E) None of these

**Direction (14-16):** Study the following information and answer the given questions:

There are six family members A, B, C, D, E and F and all of them are of different age. A is younger than only one person. E is older than B and D but not as old as A. D is older than only one person. F is youngest in the family. The age of D is 25 year and the age of person who is second oldest is 40 year.

14. Who is oldest in the family?  
(A) A (B) B  
(C) D (D) E  
(E) C

15. What is the possible age of B?  
(A) 42 years (B) 20 years

- (C) 55 years (D) 19 years  
(E) 30 years

16. Which of the following statement shows 'A  $\geq$  R' and 'B < C' holds definitely true?  
(A)  $B \leq C = A \geq K = R$  (B)  $C = K > B < R \geq A$   
(C)  $C > B > A \geq K = R$  (D)  $B = K < C < R = A$   
(E) None of these

**Direction (17-20):** Study the following information carefully and answer the question given below:

There are seven persons P, Q, R, S, T, U and V who were born on the same day of the same month of different year i.e. 1984, 1946, 1967, 1972, 1982, 1989 and 1992 but not necessarily in the same order.

Note: Their age are considered as on the same month and day of 2017 as their date of births.

The difference between the ages of Q and R is twice the square root of the age of one of the any seven persons. Difference between the ages of R and S is the same as the number obtained by dividing ages of any of the other five persons. Age of P is greatest amongst those whose age is a multiple of five. T is older than V who is not the youngest. Q is not youngest person.

17. Who amongst the following person is the oldest?

- (A) P (B) V  
(C) U (D) T  
(E) None of these

18. What is the age of R?

- (A) 33 years (B) 35 years  
(C) 25 years (D) 45 years  
(E) 50 years

19. How many persons are younger than U?

- (A) One (B) Two  
(C) Three (D) Four  
(E) No one

20. What is the age of S?

- (A) 45 years (B) 35 years  
(C) 33 years (D) 50 years  
(E) 28 years