# REVISION – I

1. A tells B, "When I was half of your present age you were 1/4th of my present age." If A's present age is 36 what is the B's present age?
   a) 18 b) 9 c) 30 d) 27

2. A tells B, "I am twice as old as you were when I was as old as you are." Sum of their present ages is 91, find A's present age?
   a) 26 b) 42 c) 52 d) 36

3. When you reverse the digits of the number 13, the number increases by 18. How many other 2-digit numbers satisfy this condition?
   a) 7 b) 5 c) 6 d) 8

4. The price of sugar increased by 50%, then by what % does the consumption of sugar be reduced so that the total expenditure on sugar increased by 20%?
   a) 20% b) 25% c) 40% d) 10%

5. A container contains 80 Kgs of milk. From this 8 kgs of milk was taken out and replaced by water. This process was further repeated 2 times. How much milk is now contained by the container?
   a) 55 b) 56.34 c) 58.34 d) 60

6. Pipes A and B can fill a tank in 5 and 6 hours respectively. Pipe C can empty it in 12 hours. If all the three pipes are opened together, then the tank will be filled in:
   A. 3 9/17 hours B. 1 13/17 hours C. 2 8/11 hours D. 4 1/2 hours

7. Two pipes A and B can fill a tank in 9 hours and 3 hours respectively. If they are opened on alternate hours and if pipe A is opened first, how many hours, the tank shall be full?
   A. 4 hrs. B. 5 hrs. C. 2 hrs. D. 6 hrs.

8. A sum of money doubles itself in 5 yrs. at CI. In how many years will it become EIGHT times?

9. Find the number of digits in $2^{64}$.

10. 4 dice are thrown. Find the probability of getting a sum equal to 20.

11. Find the sum of all the 4-digit distinct numbers that can be formed using the digits 1,2,3,4 all the digits taken all at a time.

12. Find the number of diagonals in an octagon?

13. Find the rank of the word "LENOVO".

14. Find the probability of getting an equilateral triangle from the vertices of a regular hexagon.

15. Find the maximum power of 504 in 10200!