

Puzzle – 24

Q- 10 Coins in 3 Cups Puzzle

Suppose we have 3 glasses and 10 coins. The problem is to place odd number of coins in each glass i.e. each glass should contain coins and the number of coins in each glass must be odd and total coins which will be used must be equal to 10.

My Approach and Solution –

Here, the number of glasses are odd and we are required to place odd number of coins in each coins. But, any odd number when added odd number of times results in an odd number and not an even number.

So, we need to think differently.

What we can do is place 5 coins in Glass 1, 3 in Glass 2 and 2 in Glass 3.

Now if we put the glass 2 in glass 3, then technically speaking, glass 3 would have 5 coins in it, that is odd.