Puzzle – 28

Q- 3 Sacks and Coconut Puzzle

An intelligent trader travels from one place to another carrying 3 sacks having 30 coconuts each. No sack can hold more than 30 coconuts. On the way he passes through 30 checkpoints and on each check point he has to give one coconut for each sack carrying.

How many coconuts are left in the end?

My Approach and Solution –

He gives 30 coconuts in the first 10 checkpoints from 1 sack. Now he is left with 2 sacks and 60 coconuts. After 25th checkpoint, he has given away a total of 60 coconuts and left with 1 sack full of 30 coconuts.

Therefore, at the end, he would be left with **25 Coconuts.**