

## Puzzle Questions Overview

Puzzle Questions have a good weightage in the Banking Exam and the type of question asked in Banking exam is similar to the question mentioned below. It has been solved and explained by Gargi.ai Experts and they have tried to elaborate the concept used in Puzzle Questions.

## Puzzle Questions

Direction: Read the given information carefully and answer the following questions. Seven boxes namely A, B, C, D, E, F, and G are arranged one above another and all of them are of different colors viz. Red, Blue, Green, Orange, Black, White, and Violet but not necessarily in the same order. All boxes are of different weights viz. 25 kg, 30 kg, 49 kg, 81 kg, 36 kg, 64 kg, and 28 kg. Only three boxes are kept above Box E, which weighs a square of 7. Two boxes are kept between E and B, which is of violet color. Three boxes are kept between the box which is of Green color and violet color. The green color box is kept above the box of violet color. Box C is of Red color and weighs 25 kg is placed at the top. Box G is of white color and weighs a square of 6. The black box is kept just above the white box. Box E is not white, black, and blue color. Two boxes are kept between Box F and Box D, which are kept below box F and weigh a square of 9. The weight of Box B is a perfect square. The blue box does not weigh less than the box Green.

## Question

What is the sum of the weights of boxes kept at the bottom and at the top?

Difficulty : Moderate

Average Time : 85 Seconds

Options :

1. 79 kg
2. 64 kg
3. 89 kg
4. 98 kg
5. None of these

## Solution

The correct answer is **option 3** i.e. **89 kg**

Decoding the puzzle

- 1) Only three boxes are kept above Box E, which weighs a square of 7. i.e. 49 kg.
- 2) Two boxes are kept between E and B, which is of violet color.
- 3) Three boxes are kept between the box which is of Green color and violet color.
- 4) The green color box is kept above the box of violet color.

Boxes	Colors	Weight
	Green	
E		49 kg
B	Violet	

- 5) Box G is of white color and weighs a square of 6. i.e. 36 kg.
- 6) The black box is kept just above the white box. Box E is not white, black, and blue color.
- 7) Box C is of Red color and weighs 25 kg is placed at the top.

Boxes	Colors	Weight
C	Red	25 kg
	Green	

E		
	Black	
G	White	36 kg
B	Violet	

8) Two boxes are kept between Box F and Box D, which are kept below Box F and weigh a square of 9. i.e. 81 kg

9) The weight of Box B is a perfect square. i.e. 64 kg.

10) The blue box does not weigh less than the box Green. i.e. Box F weighs 30kg. Box A weighs 28 kg and Box E is of Orange color.

Boxes	Colors	Weights
C	Red	25 kg
F	Blue	30 kg
A	Green	28 kg
E	Orange	49 kg
D	Black	81 kg
G	White	36 kg
B	Violet	64 kg

Now we have our final arrangement.

Clearly, the sum of boxes kept at the bottom and the top is  $(64 + 25) = 89$  kg.

Hence, the correct answer is **89 kg**.