

Data Sufficiency Questions Overview

Data Sufficiency 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 Data Sufficiency Questions.

Data Sufficiency Questions

Directions: Each of the questions below consists of a question and two statements numbered I, II given below it. You have to decide whether the data provided in the statements is sufficient to answer the question.

Question

In how much time, the tank A can be filled completely by pipe? Statement I: Tank A's Capacity is 50% more than the capacity of Tank B. There is a hole in tank A which can dry it in 25 hours. Statement II: Pipe can fill Tank B in 15 hours

Difficulty : Moderate

Average Time : 50 Seconds

Options :

1. Statement I alone is sufficient.
2. Statement II alone is sufficient.
3. Either of the statements alone is sufficient.
4. Both the statements combined are sufficient.
5. Both the statements even combined are not sufficient.

Solution

The correct answer is **Option 4** i.e. **Both the statements combined are sufficient.**

Statement II tells about the efficiency of Pipe.

Statement I tells about the relation of capacity among both the tanks A and B, and it also tells the drying efficiency of the hole.

Combining the drying efficiency and filling efficiency of hole and pipe and getting the capacity of tank A, using statement I and II, we can find the time required to fill the tank.