

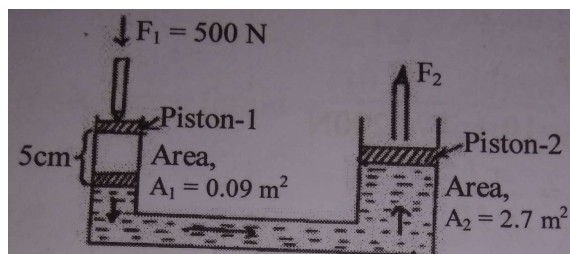
**CHAPTER 5 : STATE OF MATTER AND PRESSURE**
Instructions:

- ✓ Watch the uploaded video class from school's website/You Tube channel. For becoming more clear about the basics, watch more than once, if needed.
- ✓ Contact me in case of any difficulty in understanding.

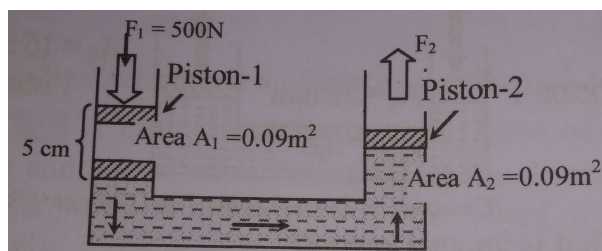
(Questions given in this worksheet are important questions for all exams)

Creative Questions

1. Observe the following figure carefully and answer the questions.



- a) Find out the value of  $F_2$ .
  - b) Is there any change of work done in both the pistons according to the given information of the stem? Analyze your answer with mathematical logic.
2. Observe the following figure carefully and answer the questions.



- a) Find out the value of  $F_2$ .
- b) Is there any change of work done in both the pistons according to the given stem? analyze it with logic.