

SCHOLARS SSC ACADEMY

SSC & BANKING - TOPIC-WISE PRACTICE ASSIGNMENT

Pipes & Cisterns

Quantitative Aptitude / Mathematics | Set 1 | 10 MCQs | Practice Worksheet

Student Name: _____	Date: _____
Suggested Time: 15 minutes	Total Marks: 10

Instructions: Choose the most appropriate option. Attempt all questions. This is an original practice assignment, not a claimed previous-year paper.

- Pipe A fills a tank in 6 hours and Pipe B in 12 hours. How long will both take together?**
 - 6
 - 18
 - 4
 - $18/5$
- Pipe A fills a tank in 8 hours and Pipe B in 14 hours. How long will both take together?**
 - 22
 - 8
 - $14/3$
 - $56/11$
- Pipe A fills a tank in 10 hours and Pipe B in 16 hours. How long will both take together?**
 - $40/7$
 - 10
 - 26
 - $80/13$
- Pipe A fills a tank in 12 hours and Pipe B in 18 hours. How long will both take together?**
 - $36/5$
 - 12
 - $27/4$
 - 30
- Pipe A fills a tank in 14 hours and Pipe B in 12 hours. How long will both take together?**
 - 6
 - 26
 - $84/13$
 - 12
- Pipe A fills a tank in 6 hours and Pipe B in 14 hours. How long will both take together?**
 - 6
 - $21/5$
 - 20
 - $42/11$
- Pipe A fills a tank in 8 hours and Pipe B in 16 hours. How long will both take together?**
 - 24
 - 8
 - $16/3$
 - $64/13$

8. Pipe A fills a tank in 10 hours and Pipe B in 18 hours. How long will both take together?

- A. 6
- B. 10
- C. 28
- D. $\frac{45}{7}$

9. Pipe A fills a tank in 12 hours and Pipe B in 12 hours. How long will both take together?

- A. 12
- B. 24
- C. 6
- D. $\frac{72}{13}$

10. Pipe A fills a tank in 14 hours and Pipe B in 14 hours. How long will both take together?

- A. 7
- B. $\frac{98}{15}$
- C. 28
- D. 14

ANSWER KEY

Q	Ans	Q	Ans	Q	Ans	Q	Ans	Q	Ans
1	C	2	D	3	D	4	A	5	C
6	B	7	C	8	D	9	C	10	A

Use this assignment for topic-wise practice and classroom discussion. Review incorrect answers with your faculty before moving to the next topic.