
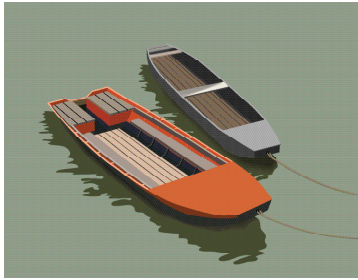




Logical Reasoning and Quantitative Aptitude

Theme	Logical Reasoning and Quantitative Aptitude
Question 1	<p>How many multiples of 17 lie between 1 and 100?</p> <ul style="list-style-type: none">• 4• 5• 6• 3 
Question 2	<p>The sum of Justin's and Jim's ages is 48 years. Justin is twice Jim's age. How old are they?</p> <ul style="list-style-type: none">• Justin: 32 years, Jim: 16 years• Justin: 16 years, Jim: 32 years• Justin: 12 years, Jim: 36 years• Justin: 36 years, Jim: 12 years
Question 3	<p>44 people need to cross a river. They have large boats that can take 6 people in each, and small boats that can take 4 people in each. You have to find an arrangement so that there are no empty seats on the boats. How many different arrangements can you find?</p> <ul style="list-style-type: none">• 1• 2• 3• 4 

<p>Question 4</p>	<p>A train takes 6 hours from Delhi to Chandigarh. The train departed from Delhi at 10:15 a.m. But at the time of its arrival, it was known that the train reached late by 55 minutes. At what time did the train arrive at Chandigarh?</p> <ul style="list-style-type: none"> • 5:00 p.m. • 4:15 p.m. • 4:55 p.m. • 5:10 p.m. 
<p>Question 5</p>	<p>Rahul bought 4 packets of flour weighing 3 kg 750 g each. He carried 2 packets and the rest were carried by his friend. How much weight was Rahul carrying?</p> <ul style="list-style-type: none"> • 3750 g • 7 kg 250 g • 7 kg 500 g • 15 kg 
<p>Question 6</p>	<p>I am a five-letter word. If you take away my first two letters and my last two letters, 5 would still be left. Who am I?</p> <ul style="list-style-type: none"> • ANGLE • PRIME • GRAPH • SEVEN

Question 7	<p>The length of a rectangle is twice its breadth. How many 1 cm squares will fit into it completely, if the length of the rectangle is 8 cm?</p> <ul style="list-style-type: none"> • 64 • 32 • 16 • 8
Question 8	<p>Angelina uses a cup and a jug to mix juice. It takes 2 cups of juice to fill the jug. She pours watermelon juice into the jug until it is half full. Then she adds half a cup of grape juice. How full is the jug now?</p> <ul style="list-style-type: none"> • four-quarters full • three-quarters full • two-quarters full • one-quarter full
Question 9	<p>Ryan thinks of a 5-digit number. The thousands digit is 3 times the tens digit. The hundreds digit is even. The units digit is an odd number less than 5. The ten thousands digit is an even prime number. Which of the following could be Ryan's number?</p> <ul style="list-style-type: none"> • 31933 • 22663 • 36425 • 29831

Question 10

What are the numerical values of **A**, **B** and **C** respectively in the following multiplication?

$$\begin{array}{r} \text{A A A A} \\ \times \quad \quad 7 \\ \hline \text{C B B B A} \end{array}$$

- 5, 7, 3
- 5, 8, 3
- 5, 8, 2
- 6, 7, 8

- x -

Answers

Answer 1	5
Answer 2	Justin: 32 years, Jim: 16 years
Answer 3	3
Answer 4	5:10 p.m.
Answer 5	7 kg 500 g
Answer 6	SEVEN
Answer 7	32
Answer 8	three-quarters full
Answer 9	29831
Answer 10	5, 8, 3