ALTIUS

Logical Reasoning and Quantitative Aptitude

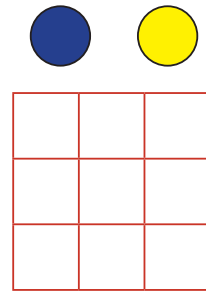| Theme	**Logical Reasoning and Quantitative Aptitude**
Question 1	Five teachers can grade all final tests in 6 hours. If each teacher works at the same rate, how many hours would it have taken for 10 teachers to grade the tests? • 12 • 3 • 5 • 8
Question 2	A spinner is divided into 18 sections. 5 sections are blue, 6 are green, 4 are red and 3 are yellow. If you spin the spinner once, what is the possibility that you will land on green? • 1/3 • 2/3 • 1/6 • 5/6

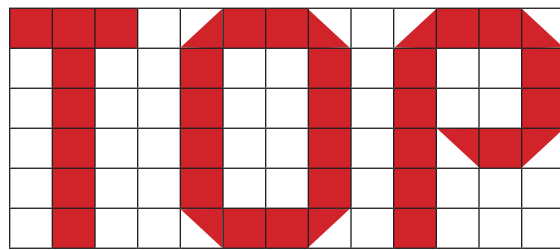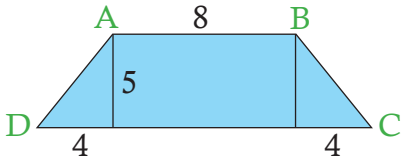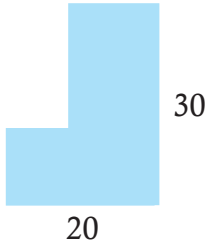|	
Question 3	You have a blue coin and a yellow coin. You have to place them in the given squares so that the blue coin is always 1 row above (not necessarily directly above) the yellow one. How many different ways are there to place them? • 6 • 9 • 18 • 27
Question 4	In the figure alongside, all the squares are congruent having unit length. What is the area of the portion shaded in purple? • 38 • 34 • 36 • 35
Question 5	A bookstore contains 37 English story books and 45 Hindi story books. Every day, the store sells 2 English story books and 3 Hindi story books. After how many days will same number of both story books be left in the store? • 6 • 8 • 5 • 9

Question 6	Jiya's watch goes 3 minutes faster than it's supposed to move every hour. She set the watch at 7:00 a.m. in the morning to the correct time. What time does her watch show at 1:00 p.m. that day? • 1:15 p.m. • 1:18 p.m. • 1:21 p.m. • 12:42 p.m.
Question 7	Figure ABCD's dimensions are shown alongside. Calculate the area of the figure. • 60 • 40 • 20 • 50
Question 8	What is the perimeter of the given shape? • 130 units • 100 units • 70 units • 80 units
Question 9	A googol is the number that is written as 1 followed by 100 zeroes. If 'g' represents a googol, then how many digits are there in 'g × g'? • 2001 • 2000 • 201 • 200

Question 10	Alex can eat one-sixth of a pizza in three minutes. How long will he take to eat two whole pizzas?
	• 39 minutes
	• 36 minutes
	• 34 minutes
	• 42 minutes

- x -

Answers

Answer 1	3
Answer 2	1/3
Answer 3	27
Answer 4	34
Answer 5	8
Answer 6	1:18 p.m.
Answer 7	60
Answer 8	100 units
Answer 9	201
Answer 10	36 minutes