

Math Aptitude Test Questions And Answers PDF

Arithmetic Math Aptitude Test Questions

1. What is the sum of 256 and 342? Answer: 598
2. Subtract 543 from 1024. Answer: 481
3. What is 12×15 ? Answer: 180
4. Divide 144 by 12. Answer: 12
5. A man buys an article for \$50 and sells it for \$70. What is his profit percentage? Answer: 40%
6. Find the least common multiple (LCM) of 6 and 8. Answer: 24
7. What is the greatest common divisor (GCD) of 48 and 60? Answer: 12
8. If a train travels 240 miles in 4 hours, what is its speed in miles per hour? Answer: 60 mph
9. Simplify $(15+3) \times 2(15 + 3) \times 2(15+3) \times 2$. Answer: 36
10. Find the square root of 121. Answer: 11

Percentage and Ratio Mathematics Questions

1. What is 25% of 200? Answer: 50
2. The number increases from 80 to 100. What is the percentage increase? Answer: 25%
3. The ratio of two numbers is 3:5. If their sum is 40, find the numbers. Answer: 15 and 25
4. A shopkeeper gives a 20% discount on an item marked at \$500. What is the selling price? Answer: \$400
5. In a mixture of 40 liters, the ratio of water to milk is 2:3. Find the quantity of water. Answer: 16 liters

Algebra Mathematics Aptitude Tests Questions

1. Solve for x: $2x+5=15$. Answer: $x=5$
2. If $y=3x+7$ and $x+2$, find yyy. Answer: 13
3. Simplify $(x+3)(x-3)$. Answer: x^2-9
4. If $4x=20$, what is x? Answer: $x=5$
5. Find the value of x: $5x-3=2x+9$. Answer: $x=4$

Geometry Math Aptitude Test Questions

1. What is the perimeter of a rectangle with a length of 10 and breadth of 5? Answer: 30
2. Find the area of a circle with a radius of 7 (use $\pi=22/7$). Answer: 154
3. What is the sum of the angles in a triangle? Answer: 180°
4. A square has a side of 6 cm. Find its area. Answer: 36 cm^2
5. What is the diagonal of a rectangle with sides 3 and 4? Answer: 5 (Pythagoras theorem)

Time, Speed, and Distance Questions

1. A car covers 300 km in 5 hours. What is its speed? Answer: 60 km/h
2. If a person walks at 5 km/h for 3 hours, how far does he travel? Answer: 15 km
3. A train 200 m long passes a pole in 10 seconds. Find its speed in m/s. Answer: 20 m/s
4. Two trains move in opposite directions at 60 km/h and 40 km/h speeds. Find the relative speed. Answer: 100 km/h
5. A cyclist covers 30 km at a speed of 15 km/h. How much time does he take? Answer: 2 hours

Logical Reasoning Mathematics Aptitude Tests Questions

1. What comes next in the series: 2, 4, 8, 16, ? Answer: 32
2. If 3 apples cost \$6, how much do 5 apples cost? Answer: \$10
3. Find the missing number: 7, 14, 28, ?, 112. Answer: 56
4. If a clock shows 3:15, what is the angle between the hour and minute hands? Answer: 7.5°
5. If 5 pens cost \$25, what is 8 pens? Answer: \$40

Advanced Mathematics Aptitude Tests Questions

1. Solve for x: $x^2-9=0$. Answer: $x=3$ or $x=-3$
2. What is the compound interest on \$1000 at 5% per annum for 2 years? Answer: \$102.50
3. If $a+b=10$ and $a-b=6$, find a. Answer: $a=8$
4. What is the cube root of 27? Answer: 3
5. Find the value of x in $2^x=16$. Answer: $x=4$

Miscellaneous Mathematics Aptitude Questions

1. Simplify 0.75×0.4 . Answer: 0.3
2. How many seconds are there in 3 hours? Answer: 10,800
3. A number is divided by 3 and gives a remainder of 2. What is the number? Answer: 2 or 5 or 8, etc.
4. If $a = 5$ and $b = 3$, find a^2+b^2 . Answer: 34
5. The average of 5 numbers is 20. Find the sum of the numbers. Answer: 100

Data Interpretation Math Aptitude Test Questions

1. If the price of an item increases from \$50 to \$75, what is the percentage increase? Answer: 50%
2. A pie chart shows that 40% of students prefer Math. If there are 200 students, how many prefer Math? Answer: 80
3. A bar graph shows a company's revenue increases by \$10,000 annually. If the revenue is \$50,000 in year 1, what is it in year 5? Answer: \$90,000
4. In a class, the ratio of boys to girls is 3:2. If there are 30 boys, how many girls are there? Answer: 20

5. A survey shows that 70% of people like tea. If 140 people like tea, what is the total number of people surveyed? Answer: 200

