

Question 1: Train 'A' travels 360 km in 4 hours. Train 'B' travels 540 km in 6 hours. Which is faster?

- a) Train 'A'
- b) Train 'B'
- c) Both are at same speed
- d) Can't be determined

Question 2: 8, 27, 64, 125, ____

- a) 225
- b) 216
- c) 176
- d) 420

Question 3: A milkman delivers 30 bottles of milk, each 12.5 L. On the way, 0.5 L spills from 8 bottle. How much milk is left to deliver?

- a) 360 L
- b) 367 L
- c) 371 L
- d) 375 L

Question 4: Which is greater: 0.62 or $\frac{2}{3}$

- a) 0.62
- b) $\frac{2}{3}$
- c) Both are equal
- d) Can't determine

Question 5: In 9086, the difference between place value and face value of 9 is

- a) 8991
- b) 8990
- c) 9086
- d) 9000

Question 6: A shop sells 48 pencils in a pack. If Rakesh bought 7 packs and gives 20 pencils to his friend. How many pencils left with Rakesh?

- a) 316
- b) 312
- c) 328
- d) 304

Question 7: The smallest 4-digit number using digits 7, 0, 4, 8

- a) 4780
- b) 4078
- c) 4087
- d) 8740

Question 8: A school has 25 students in each class. If there are 12 classes and 45 students are absent, how many students are present?

- a) 260
- b) 255
- c) 250
- d) 245

Question 9: Rina ate $\frac{3}{8}$ of a cake and her brother ate $\frac{2}{8}$. What fraction of cake is left?

- a) $\frac{3}{8}$
- b) $\frac{2}{8}$
- c) $\frac{5}{8}$
- d) $\frac{5}{2}$

Question 10: Subtract 468 from the sum of 789 and 256.

- a) 567
- b) 577
- c) 65
- d) 592

Question 11: Out of ₹50, Ravi spent ₹12.50. What fraction of money did he spend?

- a) $\frac{1}{5}$
- b) $\frac{1}{4}$
- c) $\frac{3}{10}$
- d) $\frac{2}{5}$

Question 12: Simplify: $(132 \div 4) + 89 - 45$

- a) 76
- b) 77
- c) 79
- d) 80

Question 13: A number when rounded off to the nearest hundred gives 7500.

- a) 7400
- b) 7551
- c) 7451
- d) 7650

Question 14: Multiply 36 by 12 and then subtract 216

- a) 432
- b) 216
- c) 226
- d) 416

Question 15: If 3571 is reversed, then the difference between the original and reversed number is

- a) 1836
- b) 5324
- c) 1818
- d) 2214

Question 16: A bottle contains 2.4 L. If $\frac{1}{3}$ is poured out, remaining water = ____

- a) 1.8 L
- b) 1.6 L
- c) 1.4 L
- d) 0.8 L

Question 17: A train starts at 9:15 AM and reaches at 1:45 PM. Duration of the journey is

- a) 4.25 hours
- b) 5 hours
- c) 4.75 hours
- d) 4.5 hours

Question 18: A school starts at 8:00 AM. Each period lasts 45 minutes, and there are 6 periods. At what time does the last period end?

- a) 12:15 pm
- b) 12:00 pm
- c) 12:30 pm
- d) 1:00 pm

Question 19: Multiply: $\frac{4}{9} \times \frac{5}{18}$

- a) $\frac{10}{27}$
- b) $\frac{9}{81}$
- c) $\frac{10}{81}$
- d) $\frac{1}{3}$

Question 20: If the sum of the digits of a 4-digit number is 18, and it ends with 9, which number is possible?

- a) 2429
- b) 5239
- c) 4459
- d) 2349

Question 21: A chocolate bar is divided into 12 pieces. If Riya eats 3, what fraction of the bar is left?

- a) $\frac{5}{6}$
- b) $\frac{1}{4}$
- c) $\frac{3}{4}$
- d) $\frac{2}{3}$

Question 22: 2, 5, 10, 17, 28, ____

- a) 39
- b) 41
- c) 37
- d) 45

Question 23: A man bought 36 pens at ₹7 each and sold at ₹10 each. What is his total profit?

- a) 100
- b) 108
- c) 70
- d) 252

Question 24: Convert 3.125 to fraction

- a) $\frac{31}{10}$
- b) $\frac{25}{8}$
- c) $\frac{21}{6}$
- d) $\frac{24}{7}$

Question 25: A bag contains 480 marbles. If $\frac{3}{8}$ are red, how many red marbles are there?

- a) 160
- b) 170
- c) 180
- d) 200

Question 26: Raj was thinking of a number. Multiplied by 7, added 21, got 182. Find the number.

- a) 21
- b) 196
- c) 23
- d) 154

Question 27: A farmer fills buckets with water for his cows. Each bucket holds 7.5 L. He has 60 L of water. How many full buckets can he fill?

- a) 6
- b) 7
- c) 8
- d) 9

Question 28: When 487 is added to a number, the sum is 1251. Find the number.

- a) 786
- b) 794
- c) 756
- d) 764

Question 29: Divide 0.48 with 0.06

- a) 0.08
- b) 0.8
- c) 8
- d) 80

Question 30: A circle is divided into two equal parts by a line passing through its center. Each part is called?

- a) Semicircle
- b) Quadrant
- c) Sector
- d) Segment

Question 31: When 8 is multiplied with a two digit number, it gives 312.

- a) 40
- b) 39
- c) 38
- d) 36

Question 32: Simplify: $72 \div 8 + 15 \times 3 - 9 =$

- _____
- a) 63
 - b) 54
 - c) 45
 - d) 72

Question 33: A circular clock has radius 7 cm. If you draw a line through the center to the edges, what is this line called?

- a) Radius
- b) Diameter
- c) Chord
- d) Arc

Question 34: A car travels 12.5 km in 1 L of petrol. How far will it go in 4 L of petrol?

- a) 50 km
- b) 48 km
- c) 52 km
- d) 45 km

Question 35: A triangle has angles 50° and 60° . The third angle is?

- a) 60°
- b) 70°
- c) 80°
- d) 90°

Question 36: Simplify: $7.25 - 3.75 + 2.5$

- a) 6.25
- b) 6
- c) 5.75
- d) 6.1

Question 37: Write the smallest 4-digit number using the digits 3, 7, 0, 9 (without repeating).

- a) 3097
- b) 397
- c) 3079
- d) 9073

Question 38: A man spent $\frac{3}{5}$ of his salary and saved the rest. If his salary is ₹20,000, how much did he save?

- a) ₹10,000
- b) ₹8,000
- c) ₹12,000
- d) ₹6,000

Question 39: A factory produced 11,700 toys in the month of June. How many toys are made per day if worked 6 days?

- a) 390 toys
- b) 450 toys
- c) 378 toys
- d) 1950 toys

Question 40: The sum of 468 and 529 is reduced by 384. What is the result?

- a) 613
- b) 1381
- c) 623
- d) 1351

Question 41: A triangle has angles 90° , 60° , and 30° . What type of triangle is it?

- a) Equilateral
- b) Isosceles
- c) Scalene
- d) Right-angled

Question 42: A ribbon 5.25 m is cut into 7 equal pieces. Length of each ribbon is

- a) 0.70 m
- b) 0.72 m
- c) 0.80 m
- d) 0.75 m

Question 43: A square sheet of paper is folded along its diagonal. The folded triangle's area is what fraction of the square?

- a) $\frac{1}{4}$
- b) $\frac{1}{3}$
- c) $\frac{1}{4}$
- d) $\frac{1}{8}$

Question 44: Complete the series: 3, 9, 27, 81, __

- a) 100
- b) 120
- c) 125
- d) 225

Question 45: The sum of the first 10 odd numbers is?

- a) 90
- b) 100
- c) 110
- d) 95

Question 46: A fruit seller had 360 oranges. $\frac{1}{3}$ are rotten. How many good oranges are left?

- a) 240
- b) 180
- c) 280
- d) 160

Question 47: Simplify : $56 - 24 \div 4 + 6 = \underline{\hspace{1cm}}$

- a) 50
- b) 56
- c) 10
- d) 14

Question 48: A car travels 180 km in 3 hours. What distance will it cover in 4.5 hours at the same speed?

- a) 240 km
- b) 210 km
- c) 270 km
- d) 200 km

Question 49: How many lines of symmetry does a regular hexagon have?

- a) 2
- b) 4
- c) 6
- d) 1

Question 50: Complete the series: 110, 90, __, 56, __, 30, 20

- a) 72 , 42
- b) 70 , 40
- c) 72 , 42
- d) 70 , 42

ROUGH WORK

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