



GG RS LEARNING HUB PVT. LTD.

IMO Class 04

Total Questions: 35

Time: 60 min

- Which of the following is the largest 5-digit even number that can be formed using the digits 7, 2, 0, 9, and 8, without repetition?
A) 98720 B) 98702
C) 98270 D) 90872
- A factory produces 2,540 toys each day. If the factory operates 6 days a week, how many toys does it produce in 3 weeks?
A) 15,240 B) 45,720
C) 53,340 D) 30,480
- What is the difference between the place value and face value of the digit '6' in the number 8,63,452?
A) 59,994 B) 60,006
C) 54,000 D) 60,000
- If a number is a multiple of both 6 and 8, it must also be a multiple of which of the following numbers?
A) 12 B) 16 C) 24 D) 48
- A rectangular garden is 25 meters long and has a perimeter of 86 meters. What is the area of the garden?
A) 450 square meters
B) 430 square meters
C) 2150 square meters
D) 500 square meters
- Which of the following fractions is the largest?
A) $\frac{5}{6}$ B) $\frac{7}{9}$ C) $\frac{11}{12}$ D) $\frac{13}{15}$
- What is the Roman numeral for the sum of 49 and 99?
A) CXLVIII B) CXLIX
C) CLVIII D) CXXXVIII
- A movie started at 2:45 PM and ended at 5:20 PM. How long was the movie?
A) 2 hours 35 minutes
B) 2 hours 45 minutes
C) 3 hours 25 minutes
D) 2 hours 25 minutes
- What is the product of all the odd numbers between 2 and 8?
A) 105 B) 945 C) 15 D) 48
- A number is divided by 7, the quotient is 12, and the remainder is 5. What is the number?
A) 84 B) 89 C) 91 D) 96
- How many lines of symmetry does a regular pentagon have?
A) 1 B) 3 C) 5 D) 10
- What is the value of $(\frac{1}{2}) + (\frac{1}{4}) + (\frac{1}{8})$?
A) $\frac{7}{8}$ B) $\frac{3}{14}$ C) 1 D) $\frac{3}{8}$
- A shopkeeper has 144 apples. He sells $\frac{1}{3}$ of them on Monday and $\frac{1}{4}$ of the remaining on Tuesday. How many apples are left?
A) 72 B) 48 C) 96 D) 24
- What is the missing number in the sequence: 4, 9, 16, 25, __, 49?



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- A) 36 B) 30 C) 42 D) 35
15. A number has 3 tens, 5 ones, 7 tenths, and 9 hundredths. What is the number?
A) 35.79 B) 3.579
C) 357.9 D) 3579
16. If a square has an area of 64 square centimeters, what is its perimeter?
A) 16 cm B) 24 cm
C) 32 cm D) 64 cm
17. What is the sum of all the prime numbers between 20 and 40?
A) 120 B) 115 C) 110 D) 100
18. A car travels 360 km in 6 hours. How far will it travel in 9 hours at the same speed?
A) 540 km B) 480 km
C) 600 km D) 450 km
19. What is the H.C.F. (Highest Common Factor) of 36, 54, and 72?
A) 9 B) 12 C) 18 D) 36
20. If the cost of 5 pens is Rs. 75, what is the cost of 12 such pens?
A) Rs. 150 B) Rs. 180
C) Rs. 200 D) Rs. 120
21. What is the decimal equivalent of $\frac{3}{5}$?
A) 0.6 B) 0.35 C) 0.53 D) 0.75
22. A circle has a diameter of 14 cm. What is its circumference? (Use $\pi = \frac{22}{7}$)
A) 22 cm B) 44 cm
C) 88 cm D) 154 cm
23. What is the value of $5 \times 4 - (12 \div 3)$?
A) 16 B) 20 C) 12 D) 8
24. How many triangles are there in the given figure?
A) 10 B) 12 C) 14 D) 16
25. What is the next number in the pattern: 2, 6, 12, 20, 30, ...?
A) 40 B) 42 C) 44 D) 48
26. What is the smallest 4-digit number divisible by 9?
A) 1008 B) 1000
C) 1009 D) 1017
27. A train leaves a station at 10:45 AM and reaches its destination at 3:15 PM. How long was the journey?
A) 4 hours 30 minutes
B) 4 hours 45 minutes
C) 5 hours 30 minutes
D) 5 hours 45 minutes
28. What is the product of the first five even numbers?
A) 384 B) 480 C) 3840 D) 120
29. Which of the following is not a pair of twin primes?
A) (3, 5) B) (5, 7)
C) (11, 13) D) (7, 11)
30. If the sum of two numbers is 56 and their difference is 12, what is the larger number?



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A) 22 B) 34 C) 44 D) 48

31. What is the place value of 7 in 123.457?

A) 7 tenths B) 7 hundredths

C) 7 thousandths D) 7 ones

32. A cube has a volume of 125 cubic cm.

What is the length of its edge?

A) 5 cm B) 10 cm

C) 15 cm D) 25 cm

33. If a dozen bananas cost Rs. 48, what is the cost of 18 bananas?

A) Rs. 60 B) Rs. 72

C) Rs. 84 D) Rs. 96

34. What fraction of the figure is shaded?

A) $\frac{1}{2}$ B) $\frac{1}{3}$

C) $\frac{2}{3}$ D) $\frac{3}{4}$

35. The 38 students of Grade 4 are going for a school picnic. They hire a bus for a total of ₹2,280. For snacks, each student gets one juice box costing ₹15 and one packet of sandwiches costing ₹25. What is the total amount spent on the picnic?

A) ₹2,320 B) ₹1,520

C) ₹3,800 D) ₹3,880