

**Class 2 | Mathematics Olympiad**

**Instructions:** Each question has one correct answer. Choose the best option (A/B/C/D). Answer key is provided at the end. This paper is for practice only — not an official exam paper. Recommended time: **45 minutes**.

**Q1.** A shopkeeper has 256 apples. He sells 89 on Monday and 74 on Tuesday. How many remain?

**Q2.** There are 8 rows of chairs. Each row has 12 chairs. 19 chairs are broken. How many usable chairs?

**Q3.** Mia has 3 times as many stickers as Tom. Together they have 60. How many stickers does Mia have?

**Q4.** A number when doubled and added to 13 gives 51. What is the number?

**Q5.**  $347 + 285 - 163 = ?$

**Q6.** A book has 180 pages. Riya reads 12 pages each day. How many days to finish?

**Q7.** Find the next term: 5, 10, 20, 40, \_\_, 160

**Q8.** Find the next term: 1, 4, 9, 16, 25, \_\_

**A.** 30

**B.** 33

**C.** 35

**D.** 36

---

**Q9.** The sum of 4 consecutive whole numbers is 50. What is the SMALLEST of the four?

**A.** 10

**B.** 11

**C.** 12

**D.** 13

---

**Q10.** A rope of 240 cm is cut into pieces of 15 cm each. How many pieces are made?

**A.** 14

**B.** 15

**C.** 16

**D.** 18

---

**Q11.** What is the value of  $4 \times 9 + 5 \times 7 - 3 \times 8$ ?

**A.** 43

**B.** 45

**C.** 47

**D.** 49

---

**Q12.** A number is multiplied by 7, then 15 is subtracted giving 48. What is the number?

**A.** 7

**B.** 8

**C.** 9

**D.** 10

---

**Q13.** How many times does the digit '3' appear in all numbers from 1 to 50?

**A.** 13

**B.** 14

**C.** 15

**D.** 16

---

**Q14.** 5 friends share 3 pizzas equally. What fraction does each person get?

**A.**  $\frac{1}{5}$

**B.**  $\frac{2}{5}$

**C.**  $\frac{3}{5}$

**D.**  $\frac{4}{5}$

---

**Q15.** A rectangle has length 14 cm and width 9 cm. What is its area?

**A.** 116 sq cm

**B.** 120 sq cm

**C.** 123 sq cm

**D.** 126 sq cm

---

**Q16.** A rectangle has perimeter 46 cm. Its length is 14 cm. What is its width?

A. 8 cm

B. 9 cm

C. 10 cm

D. 11 cm

---

**Q17.** What is  $\frac{1}{3}$  of 96?

A. 28

B. 30

C. 32

D. 34

---

**Q18.** Each item costs ₹75. If you buy 6 and pay ₹500, how much change do you get?

A. ₹40

B. ₹45

C. ₹50

D. ₹55

---

**Q19.** Find the next term: 3, 6, 11, 18, 27, \_\_

A. 34

B. 36

C. 38

D. 40

---

**Q20.** A train starts at 9:45 am and arrives at 1:15 pm. How long is the journey?

A. 2 h 30 min

B. 3 h

C. 3 h 30 min

D. 4 h

---

**Q21.** What is the smallest 3-digit number divisible by both 4 and 6?

A. 100

B. 104

C. 108

D. 112

---

**Q22.** A farmer has ducks and goats: 20 heads and 56 legs. How many ducks are there?

A. 8

B. 10

C. 12

D. 14

---

**Q23.** Two numbers have sum 35 and difference 9. What is the LARGER number?

A. 18

B. 20

C. 22

D. 24

---

**Q24.**  $\frac{3}{5}$  of students in a class are girls. If there are 18 girls, how many boys are there?

A. 10

B. 12

C. 14

D. 15

**Q25.** A car travels at 60 km/h for 2.5 hours. How far does it travel?

A. 120 km

B. 130 km

C. 140 km

D. 150 km

**Q26.** What is the LARGEST 3-digit number using digits 7, 3, 9 each exactly once?

A. 739

B. 793

C. 937

D. 973

**Q27.** How many squares of ALL sizes are in a  $3 \times 3$  grid?

A. 9

B. 12

C. 14

D. 16

**Q28.** Find the next term: 2, 3, 5, 8, 13, 21, \_\_

A. 30

B. 32

C. 33

D. 34

**Q29.**  $1000 - 555 = ?$

A. 435

B. 440

C. 445

D. 455

**Q30.** A square has perimeter 48 cm. What is its area?

A. 120 sq cm

B. 132 sq cm

C. 144 sq cm

D. 156 sq cm

**Q31.** Which of these is NOT a factor of 24?

A. 6

B. 8

C. 9

D. 12

**Q32.** What is the smallest 2-digit number that leaves a remainder of 3 when divided by 7?

A. 10

B. 11

C. 12

D. 13

---

**Q33.** What is the sum of all EVEN numbers from 2 to 20?

A. 100

B. 105

C. 110

D. 120

---

**Q34.** A price is ₹120. A discount of ₹18 is given. What is the discount percentage?

A. 10%

B. 12%

C. 15%

D. 18%

---

**Q35.**  $48 \div 4 \times 3 - 5 \times 2 = ?$

A. 22

B. 24

C. 26

D. 28

---

**Q36.** Which pair of fractions is EQUAL?

A.  $\frac{2}{3}$  and  $\frac{4}{9}$

B.  $\frac{3}{4}$  and  $\frac{6}{8}$

C.  $\frac{1}{2}$  and  $\frac{3}{5}$

D.  $\frac{2}{5}$  and  $\frac{4}{9}$

---

**Q37.** 120 candies are shared in ratio 2:3:5. How many does the child with the MOST receive?

A. 24

B. 36

C. 48

D. 60

---

**Q38.** How many prime numbers are there between 10 and 40?

A. 6

B. 7

C. 8

D. 9

---

**Q39.** At 3:15, what is the angle between the minute and hour hands of a clock?

A.  $5^\circ$

B.  $7.5^\circ$

C.  $10^\circ$

D.  $15^\circ$

---

**Q40.** A 3-digit number: hundreds digit = tens digit + 1 = units digit + 2. All digits sum to 12. What is the number?

A. 321

B. 432

C. 543

D. 654

### Answer Key

Q1: B    Q2: C    Q3: D    Q4: C    Q5: C    Q6: D    Q7: C    Q8: D    Q9: B    Q10: C  
Q11: C    Q12: C    Q13: C    Q14: C    Q15: D    Q16: B    Q17: C    Q18: C    Q19: C  
Q20: C    Q21: C    Q22: C    Q23: C    Q24: B    Q25: D    Q26: D    Q27: C    Q28: D  
Q29: C    Q30: C    Q31: C    Q32: A    Q33: C    Q34: C    Q35: C    Q36: B    Q37: D  
Q38: C    Q39: B    Q40: C