



## MUMBAI MATH CHAMPIONSHIP

### MOCK TEST – Grade 3

Total Marks: 100

Time Duration: 1 hour

### Section: Logical Reasoning

Question 1: (Division)

Choose the correct option for the given figure:



$$\square \div \square = \square$$

- a)  $24 \div 3 = 8$
- b)  $24 \div 2 = 12$
- c)  $24 \div 6 = 4$
- d)  $24 \div 12 = 2$

Question 2: (Multiplication)

$$\text{Smiley Face} \times \text{Smiley Face} = 25, \text{ then } \text{Smiley Face} = ?$$

- a) 12
- b) 5
- c) 10
- d) 25



Question 3: (Subtraction)

Shaw has 12 footballs. He gave 4 of them to Alex as shown in the picture. Which mathematical expression could be used to find the number of footballs that were left with Shaw?



- a)  $12 \times 4$
- b)  $12 + 4$
- c)  $12 - 4$
- d)  $12 \div 4$

Question 4:

What is the missing number in this pattern?

542, 532, \_\_\_\_\_, 512

- a) 533
- b) 552
- c) 502
- d) 522

Question 5:

What is two hundred more than 746?

- a) 748
- b) 946
- c) 948
- d) 766



## Section: Mental Maths

Question 6: (Number System)

Which of the following represents an incorrect match?

- a)  $84 + 14 =$  Even number
- b)  $63 - 33 =$  Odd number
- c)  $45 + 23 =$  Even number
- d) All of the above

Question 7: (Number System)

I am an odd, two-digit number. I have a seven in the tens place. I am greater than 77. What number am I?

- a) 81
- b) 77
- c) 79
- d) 83

Question 8: (Subtraction)

What is the difference between the largest and the smallest 3-digit number?






- a) 899
- b) 800
- c) 900
- d) 996



Question 9: (Data Handling)

Sid decided to conduct a study on most popular car color. He stood outside his house and recorded the observation about 50 cars passed from there.

This was what he observed.

Car Color	Number of cars
Red Car 	16
Green Car 	12
Blue Car 	5
Black Car 	4
Orange Car 	13

What is the most and least popular car color according to his observation?

- a) Most popular – Black      Least popular - Blue
- b) Most popular – Red      Least popular - Black
- c) Most popular – Red      Least popular - Blue
- d) Most popular - Orange      Least popular - Black

Question 10: (Number System)

What is the correct way to represent 5,204 in expanded form?

- a)  $50 + 200 + 100 + 4$
- b)  $500 + 200 + 100 + 4$
- c)  $5,000 + 200 + 100 + 4$
- d)  $5,000 + 200 + 4$



Question 11: (Number system)

Write the numbers in descending order:

2,300    2,003    303    3,002

a) 3,002    2,300    2,003    303

b) 303    2,003    2,300    3,002

c) 303    2,003    2,300    3,020

d) 3,002    2,300    2,003    3,030

Question 12: (Number System)

The place value of 8 in 9, 834 is \_\_\_\_\_.

a)  $8 \times 1$

b)  $8 \times 10$

c)  $8 \times 100$

d)  $8 \times 1,000$

Question 13: (Number system)

Fill in the blanks:

The successor of 4, 356 is \_\_\_\_\_ and the predecessor of 5, 830 is \_\_\_\_\_.

a) 4, 355 and 5, 829

b) 4, 357 and 5, 831

c) 4, 357 and 5, 829

d) 4, 355 and 5, 831



Question 14: (Number system)

Choose the correct option:

$$7,780 \square \square 7,795 - \underline{\hspace{2cm}}$$

- a) 40
- b) 10
- c) 90
- d) 15

Question 15: (Multiplication)

Which pair of numbers best completes the blank boxes?

$$\square \times 100 = \square$$

- a) 65 and 650
- b) 10 and 1, 000
- c) 7 and 70
- d) 1 and 101

### Section: Maths

Question 16: (Fractions)

There is  $\frac{3}{4}$  cup of milk in the measuring cup. Mia poured  $\frac{1}{4}$  cup of milk out of the measuring cup. How much milk is left?

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



Question 17: (Division)

The shopkeeper has 70 water bottles. He has 5 empty cartons that can hold 12 bottles each. How many bottles are left with the shopkeeper after filling all the cartons?

- a) 14
- b) 10
- c) 6
- d) 16

Question 18: (Time)

The time shown here is \_\_\_\_\_ minutes to 12 o'clock.



- a) 35
- b) 7
- c) 25
- d) 15

Question 19: (Addition and subtraction)

There are 22 boys and 21 girls in a class. If 3 boys and 5 girls are absent. How many students are present?

- a) 30
- b) 32
- c) 35



d) 38

Question 20: (Multiplication)

There are 7 tables. Sam put 6 plates on each table. What is the total number of plates Sam put on the tables?

a) 42

b) 67

c) 13

d) 15

Question 21: (Subtraction)

Subtract 2, 353 from 8, 765

a) 5, 478

b) 6, 412

c) 11, 118

d) 1, 416

Question 22: (Geometry)

Fill in the blanks:

A \_\_\_\_\_ has one end point whereas a \_\_\_\_\_ has two end points. A \_\_\_\_\_ extends in both directions.

a) ray, line, line segment

b) line, line segment, ray

c) ray, line segment, line

d) line, ray, line segment





Question 23: (Subtraction)

A baby dolphin is 15 years old. Mummy elephant is 65 years old. How much younger is baby elephant than mummy elephant?

- a) 15 years
- b) 40 years
- c) 45 years
- d) 65 years

Question 24: (Subtraction and place value)

$4,871 - 4,601$  has which digit at thousands place?

- a) 0
- b) 2
- c) 7
- d) 4

Question 25: (Number System)

Put  $<$ ,  $>$  or  $=$  to complete the number sentence:

$321$  ?  $254$  ?  $254$

- a)  $<$ ,  $>$
- b)  $<$ ,  $=$
- c)  $=$ ,  $>$
- d)  $>$ ,  $=$



Question 26: (Subtraction)

Shyama is measuring her sunflower. It is 115 cm tall. She wants it to grow to 145 cm tall. How much more does her sunflower need to grow?

- a) 100 cm
- b) 30 cm
- c) 30.5 cm
- d) 40 cm

Question 27: (Geometry)

Read the clues and match with the given pictures.

1. 

- I am a flat shape
- I have three sides

2. 

- I am a quadrilateral
- I have 4 equal sides

3. 

- I am a flat shape
- I am made of one curved line

Circle  
Triangle  
Square

- a) 1- Triangle 2- Circle 3- Square
- b) 1- Circle 2-Triangle 3- Square
- c) 1-Triangle 2- Square 3- Circle
- d) 1- Square 2- Circle 3- Triangle

Question 28: (Properties of addition and subtraction)

Fill in the blanks:



- Adding \_\_\_\_\_ to a number gives the same number.
- Adding \_\_\_\_\_ to a number gives the number that comes after.
- Subtracting \_\_\_\_\_ from a number gives the number that comes before.

- a) 0, 1, 1  
b) 0, 0, 0  
c) 1, 1, 1  
d) 0, same number, 0

Question 29: (Subtraction)

Andrews bought 3,769 blue ribbons, 2,435 red ribbons and 1,243 yellow ribbons for decoration of a hall. How many less red ribbons than blue ribbons were bought?

- a) 6,204  
b) 1,334  
c) 2,525  
d) 3,678

Question 30: (Addition and Subtraction)

A bookstore has 9,876 books. 2,341 books were sold on the first day and 3,224 books were sold on the second day. How many books were left in the bookstore?

- a) 7,535  
b) 5,565  
c) 4,311  
d) 6,652

**Section: Achiever Section**

Question 31: (Money)



Sonali wants to change her 10 rupees note by 50 paisa coins. How many coins will she get?

- a) 30
- b) 40
- c) 20
- d) 10

Question 32: (Data Handling)

The pictograph below shows us the orange sales in different months.

Month	Orange Sales
April	
May	
June	
July	

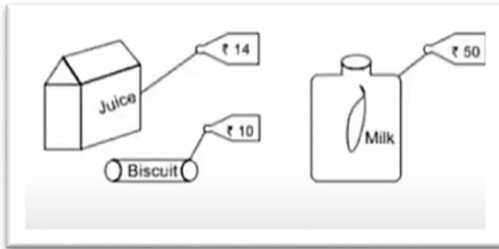
= 4 bags

How many bags of oranges were sold in May?

- a) 16
- b) 14
- c) 12
- d) 3.5

Question 33: (Money)

What is the total cost of the of the food items displayed?



- a) ₹54
- b) ₹74
- c) ₹47
- d) ₹70

Question 34: (Number system)

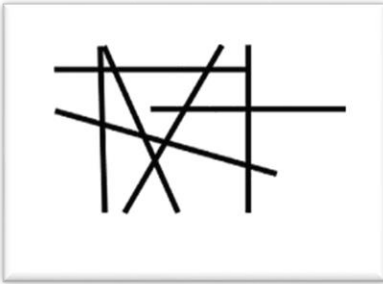
Max has used blocks to represent the number 570, but his representation below is missing something. Choose the correct option to help Max.



- a) Max has missed 11 tens
- b) Max has missed 1 hundred and 1 ten
- c) Both (a) and (b) options are correct
- d) Both (a) and (b) options are incorrect

Question 35: (Geometry)

In total, there are how many vertical and horizontal lines in this picture?



- a) 4
- b) 5
- c) 6
- d) 7

Question 36: (Time)

How many hours and minutes are there from quarter past 6 to half past 9?

- a) 3 hours 45 minutes
- b) 2 hours 30 minutes
- c) 3 hours 10 minutes
- d) 3 hours 15 minutes

Question 37: (Money)

Rohit has ₹200. He buys 2 toy cars and 3 pencil boxes. How much money is left with him?



- a) ₹50
- b) ₹25



- c) ₹15
- d) ₹100

Question 38: (Division)

An insect can crawl 60 inches in 5 minutes. If the insect crawls at this speed in one direction, how far, in inches, will it travel in 1 minute?

- a) 300 inches
- b) 60 inches
- c) 12 inches
- d) 5 inches

Question 39: (Multiplication)

A shopping cart carries 15 bags of rice. How many bags of rice will be carried in 55 such carts?

- a) 825
- b) 725
- c) 70
- d) 1,000

Question 40: (Addition)

There are 6,134 men, 5,215 women and 2,150 children in a town. What is the total population of the town?

- a) 13,399
- b) 9,199
- c) 11,349
- d) 13,499



**Answers:**





1. A
2. B
3. C
4. D
5. B
6. B
7. C
8. A
9. B
10. D
11. A
12. C
13. C
14. B
15. B
16. D
17. B
18. C
19. C
20. A
21. B
22. C
23. B
24. A
25. D
26. B
27. C
28. A
29. B
30. C
31. C
32. B
33. B
34. C
35. A
36. D
37. B
38. C
39. A
40. D

