NELTAS
PATH TO
EDUCATIONAL EXCELLENCE

M-CAT
International
Maths Competition

Grade

2

Grand Finale 2024–25

M-CAT Question Paper

NMA025

TOTAL MARKS
80

QUESTIONS
40

DURATION
60 mins

Instructions for Student:

➲ Read the question carefully before answering.

➲ Each question has 4 options (A, B, C & D).

➲ Choose one correct option as your answer, from the 4 options.

➲ Every question carries 2 marks.

➲ There will be an additional 0.5 Negative Marking for every wrong answer.

➲ On the answer sheet blacken the correct option against the corresponding question number,

The Correct Method

Q.	Answer			
1	Ⓐ	Ⓑ	●	Ⓓ

✓

The Wrong Methods

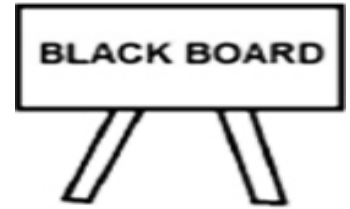| Q.	Answer			
1	Ⓐ	●	●	Ⓓ
1	Ⓐ	Ⓑ	◉	Ⓓ
1	Ⓐ	Ⓑ	✓	Ⓓ
1	Ⓐ	Ⓑ	⊗	Ⓓ

✗

➲ **Use pencil to mark your answer.**

➲ If you wish to change your answer, erase the previous mark completely.

1. **Fill in the blank: 444 _____ 4 + 4 + 4**
   a. >
   b. <
   c. =
   d. both b and c

2. **Identify the shape of this blackboard.**
   a. Rectangle
   b. Cone
   c. Circle
   d. Triangular

3. **Which of the following is the shortest in length?**
   a. The length of a fingernail
   b. The height of a man
   c. The height of an elephant
   d. The length of the wire of a phone charger

4. **Find the missing number:**
   2 + ___ = 15 + 2
   a. 15
   b. 12
   c. 7
   d. 6

5. **6 bananas are distributed equally among 6 boys. How many bananas does each boy get?**
   a. 0
   b. 1
   c. 2
   d. 3

6. **How many ₹ 5 notes can be exchanged for one ₹ 50 note?**
   a. 2
   b. 1
   c. 5
   d. 10

7. **The multiplication (12 x 4) can be written as _____.**
   a. 4 + 4 + 4 + 4
   b. 12 + 12 + 12 + 12
   c. 4 × 4 × 4 × 4
   d. 3 × 4 × 3 × 4

8. **What is the length of $\overleftrightarrow{MN}$, if $\overline{MO} = \overline{ON}$?**
   a. 24 mm
   b. 12 mm
   c. Infinite
   d. None of these
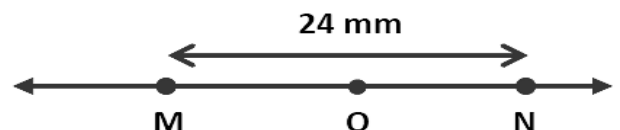
9. **What is the difference between 6 tens and 10 ones?**
    a. 64
    b. 50
    c. 650
    d. 500

10. **Which of the following numbers has 3 in tens place?**
    a. 359
    b. 453
    c. 835
    d. 943

11. **Which of the following has a curved surface?**
    a. Cube
    b. Cuboid
    c. Prism
    d. Cone

12. **What will be the quotient if dividend is 35 and divisor is 5?**
    a. 8
    b. 7
    c. 10
    d. 9

13. **407 + 113 + 20 = _____**
    a. 540
    b. 440
    c. 344
    d. 155

14. **Which of the following keywords is NOT used for multiplication?**
    a. Groups
    b. Product
    c. Times
    d. Take away

15. **Ram bought a bag for ₹ 70 and a pencil for ₹ 15. How much money did he pay in total?**
    a. ₹ 70
    b. ₹ 95
    c. ₹ 80
    d. ₹ 85

16. **What is the difference between each number in the given series?**
    40, 37, 34, 31, ...
    a. 2
    b. 3
    c. 4
    d. 5
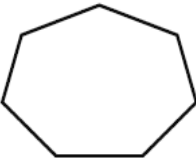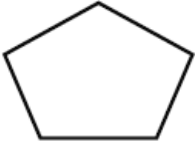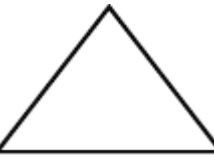
17. Which of the following is FALSE?
   a. $4 \times (5 \times 3) = 3 \times (4 \times 5)$
   b. $112435 \times 1 = 112435$
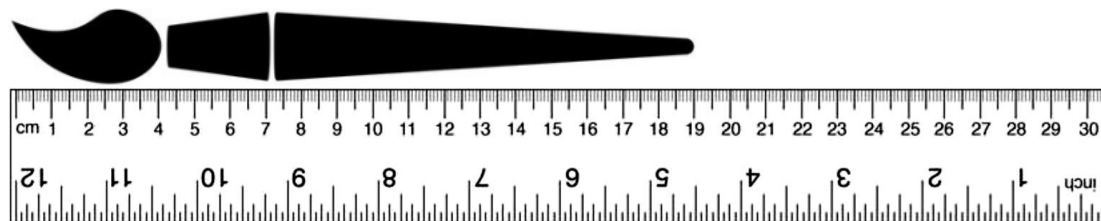   c. $27 \times 0 = 0$
   d. $92 \times 10 = 921$

18. How much money is required to buy 500 grams of beans if the cost of 100 gram is ₹ 10?
   a. ₹ 33
   b. ₹ 34
   c. ₹ 50
   d. ₹ 37

19. Which of the following shapes has an even number of sides?

   a.
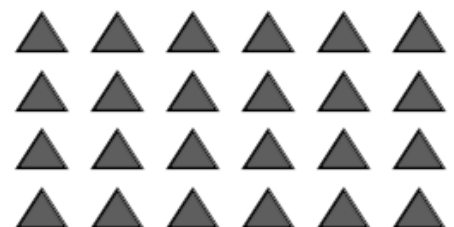
   b.

   c.

   d.

20. What is the length of the paintbrush given below?

   a. 18 cm
   b. 16 cm
   c. 6 cm
   d. 19 cm

21. Represent the number of triangles in the given figure in the form of division:
   a. $4 \times 6 = 24$
   b. $4 \div 6 = 24$
   c. $24 \div 4 = 6$
   d. None of these

22. One bee has two wings. How many wings do 3 bees have?
   a. 6
   b. 2
   c. 12
   d. 9

23. What is the sum of the place values of 1 and 3 in 143?
   a. 13
   b. 4
   c. 103
   d. 301

24. If yesterday was Friday, then today is _____.
   a. Saturday
   b. Tuesday
   c. Monday
   d. Sunday

25. Complete the pattern:

   a.   b.

   c.   d.
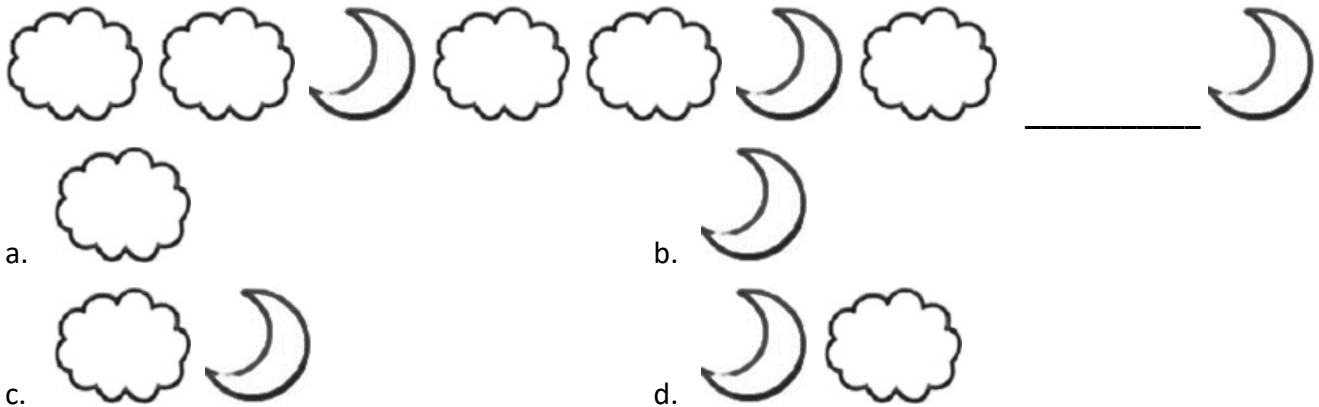
26. In the subtraction 80 – 30 = 50, 80 is called the_____.
   a. Difference
   b. Subtrahend
   c. Minuend
   d. Addend

27. Compare: 132 ÷ 6 ___ 110 ÷ 5
   a. >
   b. <
   c. =
   d. Addend

28. Supriya has ₹ 650. She gave ₹ 333 to her younger brother. What is the amount of money left with Supriya?
   a. ₹ 350
   b. ₹ 323
   c. ₹ 217
   d. None of these

29. Which of the following dimensions defines a point?
   a. Length
   b. Width
   c. Height
   d. None of these

30. Choose the option that completes the below pattern.

1, 13, 135, 1357, _____
   a. 13577
   b. 1357911
   c. 13579
   d. 123579

31. Sayali runs 150 m daily. What is the total distance run by Sayali in 6 days?
   a. 9 m
   b. 90 m
   c. 900 m
   d. None of these

32. Which of the following combinations of numbers does NOT add up to 100?
   a. 20 + 80
   b. 60 + 40
   c. 30 + 80
   d. 70 + 30

33. Kayra's sharpener has a mass of 20 g. What is the mass of 2 such sharpeners?
   a. 4 g
   b. 40 g
   c. 20 g
   d. 2 g

34. Choose the CORRECT option for the time shown on the clock.
   a. 6:00
   b. 4:00
   c. 9:00
   d. 8:00

35. Ram had 3 apples in Box A and 4 apples in Box B. How many apples did Ram have in total?
   a. 3
   b. 4
   c. 7
   d. 9

Answer questions 36 -38 based on the information given below:

The following pictograph gives information about the number of pastry ordered by different people.

PEOPLE	NUMBER OF PASTRIES ORDERED
Peter	🍰🍰🍰
Sandy	🍰🍰🍰🍰🍰🍰🍰
Bruno	🍰🍰🍰🍰🍰🍰🍰🍰🍰🍰
John	🍰🍰🍰🍰
Michael	🍰🍰🍰🍰🍰🍰🍰

🍰 = 1 pastry

36. How many pastries did Peter order?
   a. 1
   b. 2
   c. 3
   d. 4

37. What is the difference between the number of pastries ordered by Bruno and the number of pastries ordered by Sandy?
   a. 3
   b. 4
   c. 5
   d. 6

38. If Michael's guests consumed 3 pastries, then what is the number of pastries left with Michael?
   a. 4
   b. 0
   c. 6
   d. 8

39. How many minutes does the minute hand take to move from 4 to 10?
   a. 6 min
   b. 10 min
   c. 20 min
   d. 30 min

40. Which of the following is in correct ascending order?
   a. 500 cm, 300 m, 600 m
   b. 300 cm, 500 cm, 600 m
   c. 500 cm, 300 cm, 600 m
   d. 600 m, 300cm, 500 cm

✵✵✵✵✵✵✵✵✵✵✵✵✵✵✵✵✵✵✵✵✵✵✵✵✵

ROUGH WORK