

Grade
3

M-CAT Assessment Round Sample Question Paper

Return the answer sheet along with question paper to the invigilator at the end of the exam.



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

The Correct Method

Q.	Answer
1	(A) (B) ● (D)

The Wrong Methods

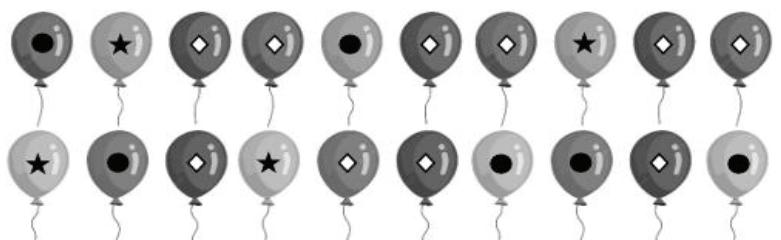
Q.	Answer
1	(A) ● ● (D)
1	(A) (B) ● (D)
1	(A) (B) ✓ (D)
1	(A) (B) ✗ (D)

- Use pencil to mark your answer.
- If you wish to change your answer, erase the previous mark completely.

1. Which one among the following is an odd number less than 29 and greater than 19?
 - a. 17
 - b. 20
 - c. 24
 - d. 25
2. Miti wants to buy 3 packets of potato chips. Each packet of potato chips costs ₹ 6.00. How much will she pay for the 3 packets of potato chips?
 - a. ₹ 21.50
 - b. ₹ 18
 - c. ₹ 15.50
 - d. ₹ 20
3. Which sign in the blank will make the given number sentence true? $48 \text{ ____ } 6 = 8$
 - a. $\div$
 - b. $-$
 - c. $\times$
 - d. $+$
4. The weight of a carton is 66 kg more than that of a sack. If the weight of a sack is 34 kg, then what is the weight of a carton?
 - a. 32 kg
 - b. 100 kg
 - c. 66 kg
 - d. 34 kg
5. Which of the following is NOT true for 3D shapes?
 - a. 3D shapes have length, breadth, and height.
 - b. Some 3D shapes may not have edges.
 - c. All 3D shapes have at least 1 flat surface.
 - d. All 3D shapes have faces.
6. Find the product of the place value of 2 and the face value of 9 in the number 7239.
 - a. 1800
 - b. 900
 - c. 800
 - d. 200
7. How many months are there in 1 decade?
 - a. 10
 - b. 100
 - c. 60
 - d. 120

8. What fraction of the balloons is represented by balloons with a star on them?

- | | |
|-------------------|-------------------|
| a. $\frac{2}{20}$ | b. $\frac{20}{4}$ |
| c. $\frac{4}{20}$ | d. $\frac{20}{2}$ |



9. 30 buttons are distributed into the given bags. How many buttons are there in each bag, if each bag has the same number of buttons?

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



10. The water in a pan is at 72°C . How many more degrees does it need to be heated to reach 100°C ?

- a. 28°C
- b. 72°C
- c. 78°C
- d. 62°C

11. Madhu has the money shown below:



Raja has a group of coins with the same total value as Madhu's money. Which of these could be Raja's money?



a.



b.



c.



d.

12. Which of the following is an example of a ray?

- a. Sunrays
- b. Road
- c. Star
- d. Edge of book

13. Latika put 812 soup cans on the shelf of a shop. Jiya put 74 more cans on the shelf. How many cans are there on the shelf in total ?

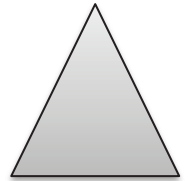
- a. 984
- b. 886
- c. 986
- d. 1280

14. Ashwin's first class starts at 8:30 a.m. If he reaches the school at 8:17 a.m., then which of the following is true?

- a. Ashwin is on time for the first class.
- b. Ashwin has missed the first class.
- c. Ashwin has reached the school in the evening while the first class is in the morning.
- d. None of these

15. How many line segments are there in the given triangle?

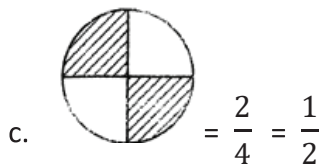
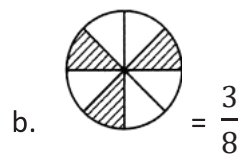
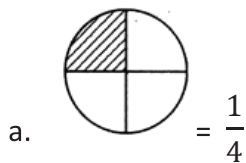
- a. 6
- b. 2
- c. 3
- d. 5



16. Jason has 12 eggs and Maria has 9 eggs. If Jason gives all his eggs to Maria, then how many eggs will Maria have?

- a. 18 eggs
- b. 21 eggs
- c. 26 eggs
- d. 24 eggs

17. Which of the following is the CORRECT representation of the shaded part to fraction?



d. All of the above

18. How many grams are there in 50 kg?

- a. 5000 g
- b. 50000 g
- c. 500 g
- d. 50 g

19. In 6 matchboxes, there are total 576 matchsticks. If every matchbox has an equal number of matchsticks, then how many matchsticks are there in each matchbox?

- a. 38
- b. 84
- c. 96
- d. 54

Answer questions 20-21 based on the pictograph given below:

The given pictograph shows information about the number of people visiting a zoo during a week.

Number of people visiting the zoo	
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Saturday	
Sunday	

 = 20 people

20. How many people visited the zoo over the weekend (Saturday and Sunday)?

- a. 110
- b. 330
- c. 275
- d. 220

21. How much money does the zoo earn in a week if the entry fee is ₹ 10 per person?

- a. ₹ 2,500
- b. ₹ 5,000
- c. ₹ 7,500
- d. ₹ 6,250

22. On which day did the maximum number of people visit the zoo?

- a. Thursday
- b. Friday
- c. Saturday
- d. Sunday

23. What should be subtracted from $13 + 21 + 9$ to get the successor of 22?

- a. 21
- b. 20
- c. 19
- d. 22

24. Which of the following shapes has an odd number of sides?

- a. Circle
- b. Square
- c. Rectangle
- d. Triangle

25. Regroup 909 cm into metre and centimetre.

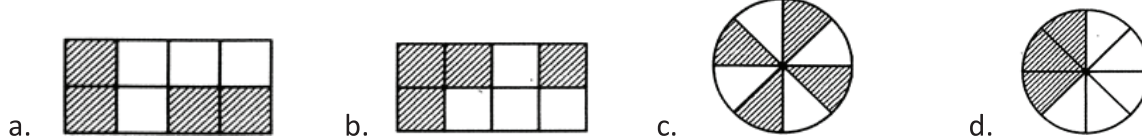
- a. 90m + 9 cm
- b. 9m + 90 cm
- c. 9m + 9 cm
- d. 9m + 900 cm

26. Choose objects that have only curved surfaces and no flat surfaces.

- a. Book, Black-board
- b. Bricks, Scale
- c. Cricket ball, Orange
- d. Pencil box, Dice

27. Choose the correct shaded parts of the figure that represent the result of adding two given fractions:

$$\frac{1}{8} \text{ and } \frac{2}{8}$$



28. What number should be multiplied by 25 to get the product 0 ?

- a. 0
- b. 25
- c. 10
- d. 20

29. The capacity of a packet of juice is 250 mL. Find the quantity of juice contained in 8 such packets.

- a. 1 L
- b. 2 L
- c. 3 L
- d. 3 L 500 mL

30. Sukhi has a five-day workshop starting on the 23rd of the given month. What would be the date on the last day of his workshop?

Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

- a. 26th
- b. 27th
- c. 28th
- d. 29th

31. Find the value of $\{(XXV) \times (IV)\} \div X$

- a. L
- b. V
- c. X
- d. VI

32. In a box, there are 400 apples and 475 oranges. How many more apples do we need to add so that the number of apples is the same as the number of oranges?

- a. 69
- b. 76
- c. 75
- d. 79

Answer questions 33-34 based on the pictograph given below:

The given pictograph shows the number and types of plants bought by Mohit.

Kind of plants	Number of plants bought
Peppers	  
Tomatoes	    
Beans	     
Carrots	 

Key:  = 5 plants

33. How many more tomato plants did Mohit buy as compared to pepper plants?

- a. 15
- b. 20
- c. 25
- d. 10

34. How many bean plants did Mohit buy?

- a. 32
- b. 30
- c. 40
- d. 6

35. What is the dividend if the divisor is 6, the remainder is 4 and the quotient is 11?

- a. 78
- b. 37
- c. 70
- d. 68

36. A cow gives 6 L 875 mL of milk on the first day and 5 L 875 mL of milk on the second day. On which day did it give less milk and by how much?

- a. First day, 1L
- b. First day, 885 mL
- c. Second day, 1L
- d. Second day, 885 mL

37. One packet of noodles costs ₹ 12 and 35 p. What is the cost of 5 such packets?

- a. ₹ 60
- b. ₹ 61 and 75 p
- c. ₹ 60 and 75 p
- d. ₹ 60 and 50 p

38. 480 chairs are arranged in 12 rows in a school assembly hall. What is the number of chairs in each row?

- a. 30
- b. 40
- c. 20
- d. 50

39. Which among the following cannot be measured in metres?

- a. Length
- b. Height
- c. Weight
- d. Width

40. If we subtract the sum of 3554 and 252 from 5000, we get

- a. 1194
- b. 1094
- c. 2073
- d. 3806

