

IMO | Class -1DPSG Delhi Public School Gandhinagar

Academic Session 2023-24

Maths Aptitude Test (IMO)

Stu	ident Name:
To	tal Questions: 35 Guidelines for the Candidate Time: 1 hr
1.	Additional 10 minutes will be given to the students to fill up the students' information before the start of the exam.
2.	All questions are compulsory. There is no negative marking. Use of calculator is not permitted.
3.	Write your Roll no, Name and Class clearly on the answer sheet and do not forget to sign.
4.	There is only one correct answer hence mark one choice only.
5.	Darken your choice with HB pencil or Blue/Black ball point pen.
6.	Rough work should be done in the blank space provided in the booklet.
7.	Return the answer sheet to the invigilator at the end of the exam. The question paper can be retained by the student.

LOGICAL REASONING

1. The number of birds sitting on the branch

are____.

- A. 6
- B. 5
- C. 4
- D. 7



2. Complete the number pattern.

- A. 65, 70
- B. 90, 100
- C. 70, 80
- D. 80, 85



- 3. If today is Monday, then day before yesterday was _____ B. Saturday A. Sunday C. Tuesday D. Friday Recard a maca m 4. What should be in the A. butterfly B. snail A III В 🍣 C. snake D. ladybird 5. The is fifth from right end. Motorcycle Aeroplane Clown A. Motorcycle B. Clown C. Car D. Doll 6. If Sonu's summer holidays started from 2nd Friday of June 20XX, then on which date did Sonu's summer holidays start?
 - A. 16th June
 - B. 24th June
 - C. 10th June
 - D. 17th June

JUNE 20XX								
S	M	T	W	TH	F	S		
	-		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			

7. Which of the following letter is in the third posotion from the left end in the given word ?

Left OLYMPIAD

- A. L
- B. A
- C. Y
- D. M

8. Kanika, Sonali and Sneha are sitting in a row. Kanika is sitting between Sonali and Sneha. Which of the following is the correct order?

(A) Kanika Sneha Sonali

(B) Kanika Sonali Sneha

(C) Sneha Kanika Sonali

(D) Sneha Sonali Kanika

9. Which is the heaviest?



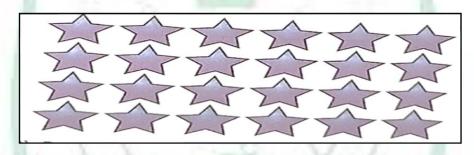
A. Stapler

B. Elephant

C. Mobile

D. Book

10.There are _____ stars in each 6 equal groups of stars.



A. 6

B. 3

C. 5

D. 4`

MATHEMATCAL RESONING

11. are more than cars.

- A. bats
- B. balls
- C. bags
- D. buns





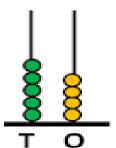
12. 5 more than the number shown on the given abacus is _____

A. 60

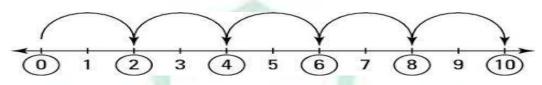
B. 58

C. 57

D. 59



13. The given number line represents _



A. Counting by 2's

B. Counting by 3's

C. Counting by 4's

D. Counting by 5's

14. Which of the following best describes the given addition sentence?

$$4 + 3$$

A.





B.



C.





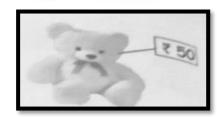
D.

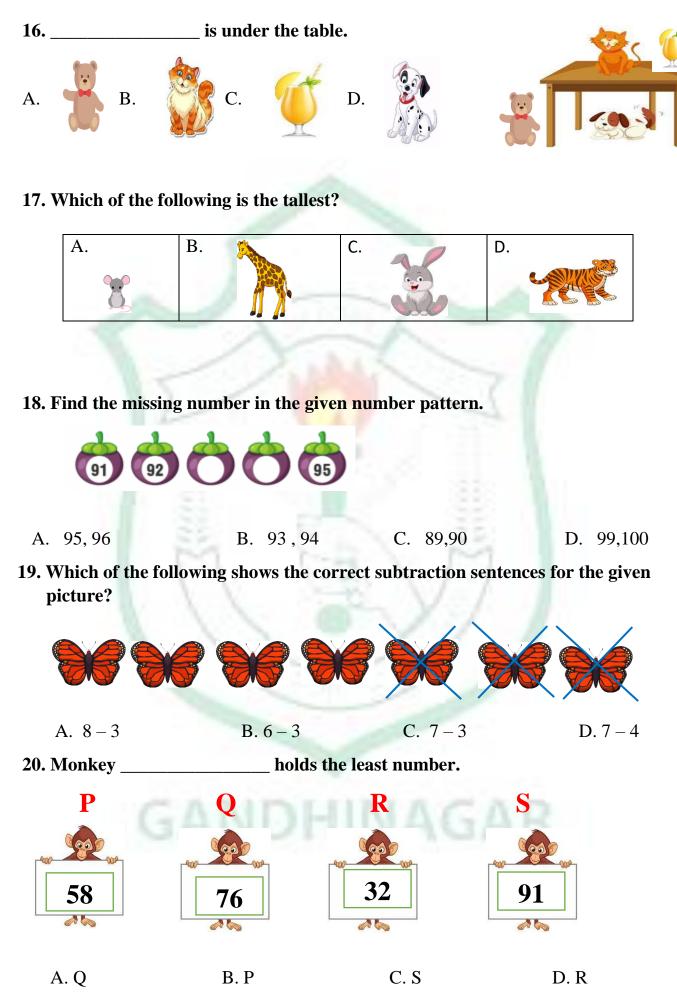




15. _____ is enough to buy this toy.

- A. ₹ 15
- B. ₹ 25
- C. ₹5
- D. ₹ 50

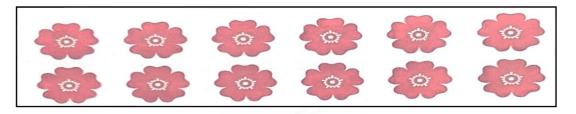




EVERYDAY MATHEMATICS

21. A bar of chocola	te costs ₹25. Jiya has	only ₹15. How n	nuch more money doe	es she
need to buy the	chocolate?			
A. ₹10	B. ₹12	C. ₹8	D. ₹11	
22. How many mont	ths lie between second	and tenth mon	h of a year?	
A. 6	B. 4	C. 5	D. 7	
23. Priya has 7	M , 5 $\stackrel{\frown}{\searrow}$ and	in	her farm house. The	total
number of anim	als in his farm house	are	_	
A. 15	B. 22	C. 18	D. 20	
	red balloons and yello buy more than yellow			
		3	3 13 3	
		{	\{\}	
A. Red, 6	B. Yellow, 4	C. Red, 2	D. Yello	w, 2
25. Neha has some f	lowers and ice- cream	s as shown here	. Number of flowers	
are	ice-creams.		AK	
A. more than				
B. less than				
C. equal to			3 2 1	
D. 1 less than			7 7 8	

26. 3 groups of _____ flowers each can be formed from the given flowers.



- A. 5
- B. 3
- C. 2
- D. 4

27. Total amount of money shown here is _____.

- A. ₹ 72
- B. ₹ 82
- C. ₹ 12
- D. ₹ 62



28. Which of the following is the shape of triangle below given?

A.



B.



C



D.



29. Find out the number to complete the given number pattern.



- A. 25
- B. 21
- C. 29
- D. 35

30. Which activity can be done in 1 minute?

A. Painting a wall

B. Sharpening a pencil

C. Playing football

D. Going to school

ACHIVERS SECTION

31. Which of the following option is equal to addition sentence given in the box?

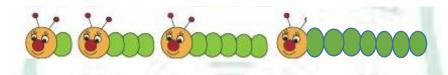
A.
$$5 \text{ tens} + 14 \text{ ones}$$

$$B. 7 tens + 5 ones$$

$$C. 4 tens + 25 ones$$

D.
$$5 \text{ tens} + 5 \text{ ones}$$

32. Identify the pattern in the given below pattern.



- A. Shape pattern
- B.Colour pattern
- C. Growing pattern
- D. Repeating pattern
- 33. Find the sum of the smallest and the greatest number on the tree.





34. Sonia has 25 ice-creams. She gave 15 ice-creams to her cousins. There are ____ ice-cream left with her.

A.
$$25 + 15 = 40$$

B.
$$20 - 5 = 15$$

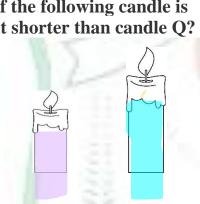
C.
$$25 - 15 = 10$$

D.
$$15 + 20 = 35$$

35. Which of the following shape is used to draw the door of the house?

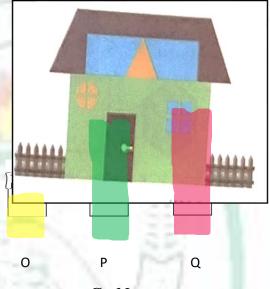
- A. Rectangle
- B. Square
- C. Circle
- D. Triangle





A. P

M



C. N

taller than

D. M

37. Which of the following smallest two-digit number?

Ν

B. Q

- A. 99
- B. 09
- C. 10
- D. 19

38. What is the missing number which makes the number sentence true?

$$? + 67 = 87$$

- A. 15
- B. 10
- C. 8
- D. 20

39. David went to shopping mall at 3:00 p.m	. He spent an hou	r over there.	What time
did he leave the shopping mall?			

A. 6:00

B. 5:00

C. 2:00

D. 4:00

40. How many balloons should be crossed 'X' to show 11 balloons uncrossed?

