Divine Public School

Bichhia, Gorakhpur

RAMANUJAN OLYMPIAD 2022-23
CLASSES - I & II
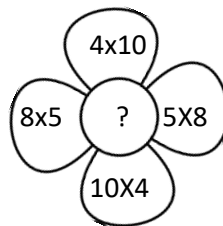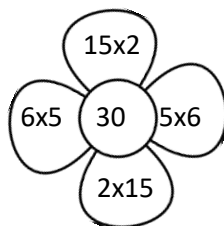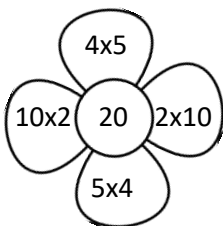
NAME: …………………………………………….. ADM. NO. …………. CLASS ………. SEC………… TIME : 1 hr.

1. Find the combination of numbers so that letters are arranged accordingly to form a meaningful word.

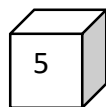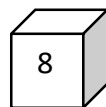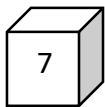| E	A	C	S	L
1	2	3	4	5

a) 3,2,1,4,5   b) 4,3,2,5,1 ✅   c) 4,2,5,1,3   d) 5,4,3,2,1

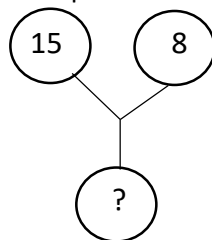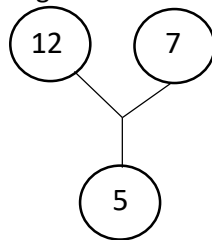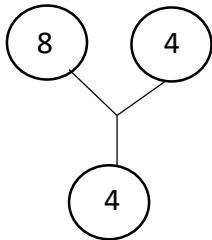2.

a) 50   b) 60   c) 40 ✅   d) 30

3. Arrange the number boxes given below to make the smallest possible three-digit number.

a) 758   b) 875   c) 578 ✅   d) 587

4. Which one of the following numbers will replace the question mark (?) in the number pattern given below?

a) 4   b) 5   c) 9   d) 7 ✅

5. When do we celebrate Srinivasa Ramanujan Birthday?
a) 22nd December ✅   c) 22nd March
b) 12th December   d) 15th September

6. If 😊 + 😊 = ⭐ what will be the value of 😊 + 😊 + 😊 + 😊

a) ⭐⭐ ✅   c) ⭐⭐⭐⭐
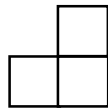b) ⭐   d) ⭐⭐⭐

7. Write is the sum of smallest 2- digit number and greatest 3-digit number?
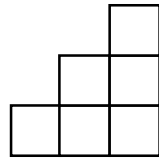a) 1090   b) 1009 ✅   c) 1900   d) 1999

8. The first four figures in a pattern are as shown.
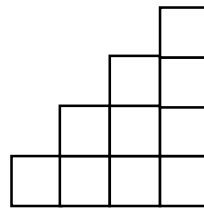

1 step   2 steps   3 steps   4 steps

If the pattern continues in this way, how many blocks are needed to make 5 steps?

a) 15 ✓   b) 18   c) 21   d) 23

9. Which box shows the smallest number.

| 5 tens 3 ones | 4 tens 3 ones | 3 tens 5 ones | 3 tens 4 ones |
| P | Q | R | S |

a) Q   b) S ✓   c) P   d) R

10. Arrange the following in ascending order.

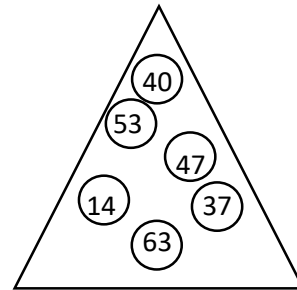| 5 tens 1 ones | 3 tens 3 ones | 7 tens 3 ones | 2 tens 6 ones |
| P | Q | R | S |

a) QSPR   b) SQPR ✓   c) PSQR   d) SPQR

11. Find the sum of the smallest and the greatest number from the triangle.

a) 67
b) 77 ✓
c) 54
d) 76

12. Which of the following is showing correct descending order.

a) 10
     12
        13
           15

b) 10 ✓
     9
        8
           7

c) 15
     16
        17
           18

d) 20
     19
        17
           25

13. Out of these which gives an answer smaller than 5?

a) 3-1 ✓   b) 4+2   c) 8+2   d) 7-2

14. If day before yesterday was Sunday then tomorrow will be _____.

a) Monday   b) Tuesday   c) Wednesday ✓   d) Thursday

15. Riya takes 30 minutes to write a letter. Her teacher needs three copies of these letter by 12:15pm. At what time must she start writing the letters ?

a) 10:15 am.   b) 12:30 pm.   c) 10:45 am. ✓   d) 10:30 am

16. See the pattern below-

| ₹20 | ₹40 | ₹60 | ₹80 | A | B |

The amount of money represented by B is _____

a) ₹160   b) ₹350   c) ₹120 ✓   d) ₹260

17. 4 cats, 3 dogs, 2 goats and 3 elephants have _____ legs.

a) 28   b) 48 ✓   c) 12   d) 36

18. Find the missing number in the number patterns.

    1, 4, 9, 16, (   ), (   ) …………………….

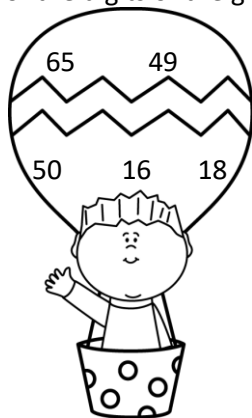a) 25, 36 ✅   b) 24, 30   c) 24, 36   d) 30, 36

19. Mr. Sharma has 5 ten – rupee notes. He wants to buy some items shown in the box.

P	Q	R	S
₹15	₹9	₹34	₹17

Which two items should he buy if he wants to spend as much money as possible?
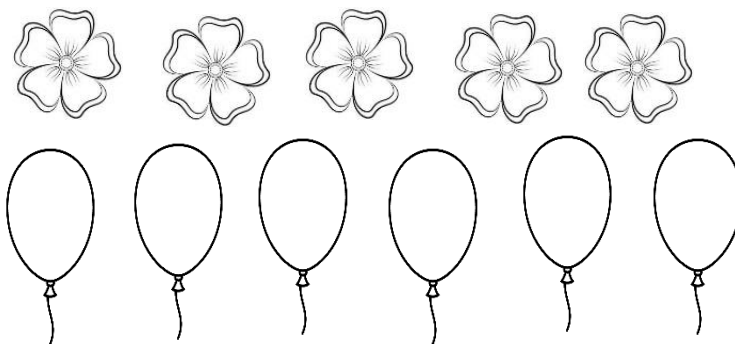
a) R, P ✅   b) R, Q   c) S,R   d) P,S

20. The sum of the digits of the greatest number on the air balloon is –

a) 5
b) 13
c) 11 ✅
d) 7

21. Sumit has following flowers and balloons.

Which statement is true?

a) Flowers are more than balloons .   c) Flowers are less than balloons. ✅
b) Flower are equal to balloons.   d) Balloons are less than flowers.

22. The given number line shows-

a) Counting by 2's   b) Counting by 3's ✅   c) Counting by 4's   d) Counting by 5's

23. If today is Saturday, then the day after tomorrow will be-
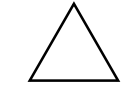a) Friday   b) Sunday   c) Tuesday   d) Monday ✅

24. In certain code language POND is coded as RSTL . How is HEAR written in that code?
a) GHIJ   b) GHIZ   c) JIGZ ✅   d) JCLZ

25. A man said to a lady "your mother's husband's sister is my aunt". How is the lady related to the man?
a) Daughter   b) Mother   c) Sister ✅   d) Aunt
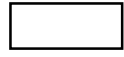
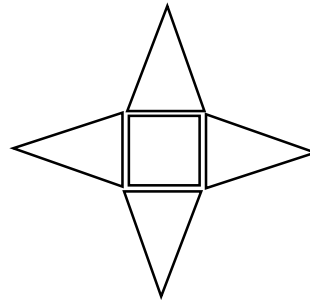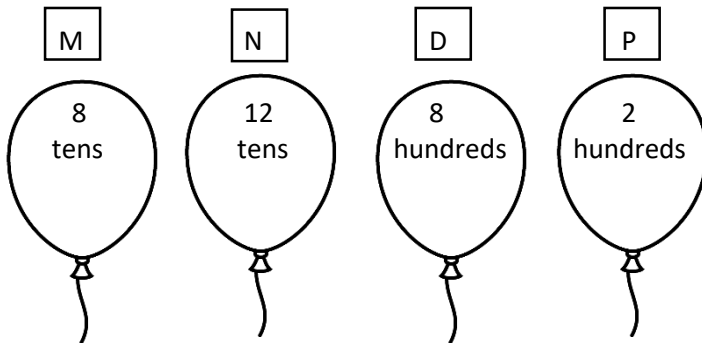26. Circle the shape that is a square.

a) A   b) B   c) C ✅   d) D

27. The total number of sleeping line in the given figure is -
a) 5
b) 4 ✅
c) 6
d) 8

28. Which balloon has the largest value?

M — 8 tens
N — 12 tens
D — 8 hundreds
P — 2 hundreds

a) M   b) N   c) D ✅   d) P

29. find the next figures in the figure pattern given below-

_____ _____

a)

c)

b)

d) ✅

30. Write '+' or '-' in each ◯ to complete the number sentence-

159 ◯ 40 = 302 ◯ 103

a) +, +   b) +, - ✅   c) - ,-   d) - ,+