



## MAT | Class 4 | DPSG

### Delhi Public School Gandhinagar Academic Session 2025-26

Total Questions: 35

Guidelines for the Candidate

Time: 1 hour

#### PATTERN & MARKING SCHEME

| Section          | (1) Logical Reasoning | (2) Mathematical Reasoning | (3) Everyday Mathematics | (4) Achievers Section |
|------------------|-----------------------|----------------------------|--------------------------|-----------------------|
| No. of Questions | 10                    | 10                         | 10                       | 5                     |
| Marks per Ques.  | 1                     | 1                          | 1                        | 1                     |

All the questions are compulsory.

#### LOGICAL REASONING

1. In the following question which alternative will replace the question mark. 4 is to 16 as 12 is to?

- a) 24                      b) 48                      c) 42                      d) 46

2. Difference between the place values of 4 and 5 in the number given below is \_\_\_\_\_.

409500

- a) 1  
b) 399500  
c) 39500  
d) 39590

3. Which of the following words cannot be formed from the letters of the given word?

#### GEOMETRICAL

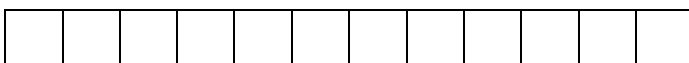
- a) CLAIM                      b) CREAM                      c) MAGIC                      d) AMONG

4. Which letter does not fit into the group? (Hint-vowels)

A                      D                      E                      O

- a) A                      b) D                      c) E                      d) O

5. If  $\frac{2}{3}$  of the twelve small squares in the given figure are removed, how many squares remain?



- a) 2                      b) 3                      c) 4                      d) 8

6. Identify the total value of the combination of money.

₹ 5, ₹ 10, ₹ 20, ₹ 50, ₹ 500, ₹ 200, 50p, 25p

- a) ₹ 600 and 25p                      b) ₹ 550 and 75p                      c) ₹ 480 and 50p                      d) ₹ 785 and 75p

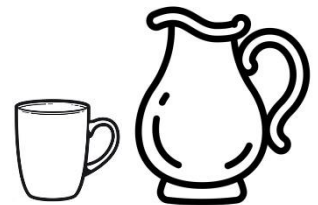
7. Which of the following options is INCORRECT?
- 7th multiple of greatest one-digit number is 63.
  - Largest multiple of a number is the number itself.
  - The common factors of 17 and 51 is 1.
  - None of these
8. The pictograph shows the number of teenagers who attended a youth programme on four different days is as follows. How many teenagers attended the programme over the four days? (Round to the nearest hundreds)

| No. of teenagers who attended a youth programme                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Thursday                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Friday                                                                                                         |                                                                                                                                                                            |
| Saturday                                                                                                       |          |
| Sunday                                                                                                         |                                                                                           |
| Each  represents 10 teenagers |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

|        |        |        |        |
|--------|--------|--------|--------|
| a) 280 | b) 300 | c) 200 | d) 275 |
|--------|--------|--------|--------|

9. A jug of capacity 1.5 litres can fill 5 mugs of water. How much water does each mug holds?

- 500 ml
- 400 ml
- 300 ml
- 450 ml



10. If  $\square + \square + \square + \square + \square = 125$  and  $\square - 4 \star = \star$ ,  
then find the value of  $\star + \star + \square + \square$ .

- 25
- 45
- 60
- 50

### MATHEMATICAL REASONING

11. 12 noon is also written as \_\_\_\_\_.  
  - 0012 hours
  - 0000 hours
  - 1200 hours
  - None of these

12. How much more minutes are required to get 8'o clock?

- 15 minutes
- 45 minutes
- 10 minutes
- 60 minutes

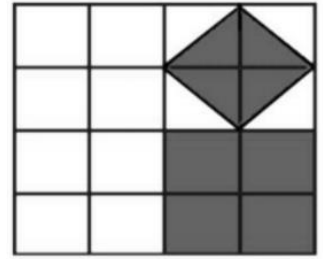


13. Which of the following Roman numerals is correct?

- XV
- XVIXI
- IXIV
- XIXI

14. Study the figure given. What fraction of the figure is unshaded?

- a)  $\frac{3}{4}$
- b)  $\frac{3}{8}$
- c)  $\frac{5}{8}$
- d)  $\frac{2}{8}$



15. How many minutes were there in the month of February 2024?

- a)  $28 \times 24 \times 60$
- b)  $30 \times 24 \times 60$
- c)  $31 \times 24 \times 60$
- d)  $29 \times 24 \times 60$

16. Mohan father needs to pay ₹ 4500 for Mohan quarterly school fees. He has the following amount with him. How much more amount father needs so that he can pay ₹. 4500 as quarterly fees?

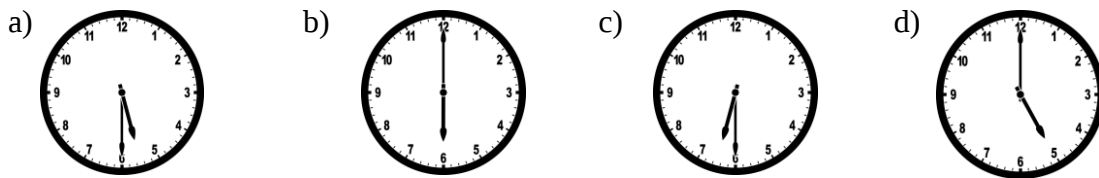
- 2 note of ₹ 1000
- 3 notes of ₹ 500
- 5 note of ₹ 100
- 2 notes of ₹ 50

- a) ₹ 150
- b) ₹ 590
- c) ₹ 400
- d) ₹ 190

17.  $5700 + \underline{\hspace{1cm}}$  tens = 10,000.

- a) 460
- b) 530
- c) 430
- d) 150

18. Mohit went for swimming at 2:30 p.m. and returned back home  $2\frac{1}{2}$  hours later. The time he came back home is \_\_\_\_\_.



19. Thrice of 73 – twice of 73

- a) 30
- b) 73
- c) 11
- d) 66

20. There are \_\_\_\_\_ hundreds in 36500.

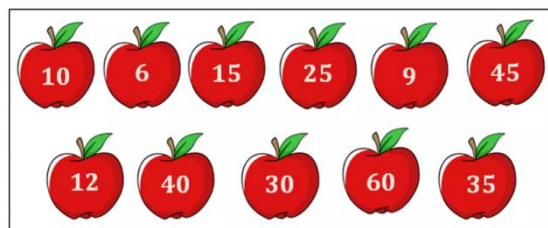
- a) 12
- b) 36
- c) 365
- d) 3652

### EVERYDAY MATHEMATICS

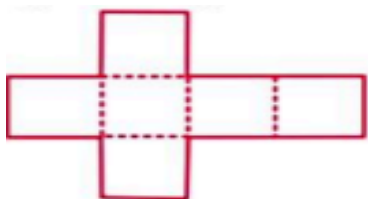
21. The flight from Chennai to Dubai took off at 4:45 hours. It landed in Dubai at 9:15 hours. How long was the flight?

- a) 4 hours 10 min
- b) 4 hours 30 min
- c) 4 hours 50 min
- d) 3 hours 55 min

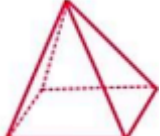
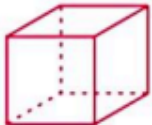
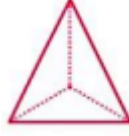
22. A city has a population of 92582. Round off to the nearest hundreds.
- a) 92500                      b) 92600                      c) 93500                      d) 92580
23. Mr. Sharma invited 276015 guests in his daughter's marriage. Which of the following option shows the correct number name for number of guests invited by him?
- a) Two lakh seventy six thousand nine hundred and five  
 b) Two lakh seventy six thousand and fifteen  
 c) Twenty seven lakh six thousand ninety five  
 d) Twenty seven lakh six thousand nine hundred and five
24. Aman is XXI years old. Raghav is XV years older than Aman. The sum of their ages (in years) is \_.
- a) 57                      b) 52                      c) 38                      d) 29
25. Purvi travelled 45 km 750 m on Friday, 52 km 435 m on Saturday and 67 km 864 m on Sunday from her home and reached her grandparent's home. How far is Purvi's grandparent's home from her home?
- a) 166 km 409 m              b) 166 km 49 m              c) 165 km 409 m              d) 166 km 490 m
26. A teacher brings a bag of crayons to distribute to her class of 40 children. If she plans to give 1 set of 8 crayons to each child and have no extra crayons in the bag, then how many crayons should be there in the bag?
- a) 48                      b) 320                      c) 45                      d) 49
27. How many of the given apples show the common multiples of 3 and 5?



28. Varun made a shape by folding the given cardboard along the dotted lines.



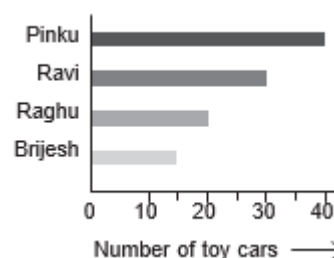
Which shape did Varun make?

- a)                       b)                       c)                       d) 

29. Pooja went to a movie with her friend. She bought two movie tickets for ₹250 each, 2 cold drinks for 20 each and 2 packets of popcorn. What information is needed to find the total amount spent by her?
- The number of people in the movie
  - The name of the movie
  - Cost of a cold drink
  - Cost of a packet of popcorn
30. Sara's user ID is a 5-digit number. The 9 is in the ten thousand place, 0 is in the ones place, 8 is in the thousands place, 4 is in the tens place and 2 is in the hundreds place. What is Sara's user ID number?
- 90, 842
  - 98, 240
  - 89, 204
  - 98, 420

### ACHEIVER'S SECTION

31. Pinku, Ravi, Brijesh and Raghu are friends. The graph shows the number of toy cars each of them have. What can we conclude from the given graph?



- Brijesh has one-third the numbers of toy cars Pinku has.
  - Three children have more than 20 toy cars.
  - Ravi has twice as many toy cars as Brijesh has.
  - Brijesh has 1 toy car less than Raghu
32. Which of these computations would solve the following problem? 126 candies were shared equally among 6 children.
- $126 \times 6$
  - $126 \div 6$
  - $126 + 6$
  - $126 - 6$

33. Read the given statements carefully and state T for true and F for false.

P. The number of letters having perpendicular lines in the given word is 4

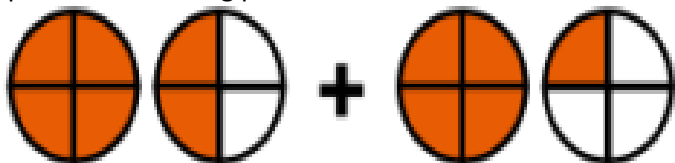
TREAT

Q. The number of lines of symmetry in a square is 4.

R. An isosceles triangle does not have any line of symmetry.

| P     | Q | R |
|-------|---|---|
| (A) F | F | T |
| (B) T | F | F |
| (C) F | T | T |
| (D) T | T | F |

34. Express the following picture as a mixed fraction and find their sum:



- $1\frac{3}{4}$
- $4\frac{3}{4}$
- $2\frac{3}{4}$
- $3\frac{3}{4}$

35. Sneha is practicing for a race. She uses the given map to find the possible routes. The route must start from her school and end at home. She wants to run the shortest route. Which of the following is the best route?

- a) School Market - Church - Home
- b) School - Lake - Home
- c) School - Mall - Lake Home
- d) School - Mall - Museum - Home



## ANSWER KEY

| Question No. | Answer | Question No. | Answer | Question No. | Answer | Question No. | Answer |
|--------------|--------|--------------|--------|--------------|--------|--------------|--------|
| 1            | B      | 11           | C      | 21           | B      | 31           | C      |
| 2            | B      | 12           | B      | 22           | B      | 32           | B      |
| 3            | D      | 13           | A      | 23           | B      | 33           | D      |
| 4            | B      | 14           | C      | 24           | A      | 34           | C      |
| 5            | C      | 15           | D      | 25           | B      | 35           | D      |
| 6            | D      | 16           | C      | 26           | B      |              |        |
| 7            | B      | 17           | C      | 27           | C      |              |        |
| 8            | B      | 18           | D      | 28           | C      |              |        |
| 9            | C      | 19           | B      | 29           | D      |              |        |
| 10           | C      | 20           | C      | 30           | B      |              |        |