

CLASS 4 | SESSION 2026-27

Total Questions : 50 Time : 1 hr.

PATTERN & MARKING SCHEME

Section	No. of Questions	Marks per Ques.	Total Marks
(1) Logical Reasoning	15	1	15
(2) Subject Reasoning	20	1	20
(3) Everyday Application	10	1	10
(4) Achievers Section	5	3	15
Total	50	--	60

SYLLABUS

- Section 1** Verbal and Non-Verbal Reasoning.
- Section 2** Core Mathematics concepts and their applications.
- Section 3** Everyday application of Mathematics.
- Section 4** Higher Order Thinking Skills (HOTS) questions.

HOW TO USE THIS PAPER

- Every question is followed immediately by its answer.
- Try each question on your own first, then check the green answer card.
- Use the answer key at a glance on the last page for a quick revision.

TEST DAY INSTRUCTIONS

- The paper has 50 questions carrying a total of 60 marks.
- All questions are compulsory and there is no negative marking.
- Duration is 1 hour - aim for about 60 seconds per question.
- Read every question carefully before choosing your option.

SCORING STRATEGY

- Attempt the Logical Reasoning section first - it is the quickest to score.
- Take the 3-mark Achievers questions after finishing the 1-mark questions.
- Revisit every skipped question during the last ten minutes.

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QUESTION 1

Logical Reasoning · Logical Reasoning

1. The codes of some digits are given below.

Digits	5	3	6	1	7	8	4	2
Codes	@	#	U	\$	H	E	%	©

Find the code for 85261.

- (A) E©@#\$ (B) %@©UH (C) E@©U\$ (D) H@©#%

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (C)

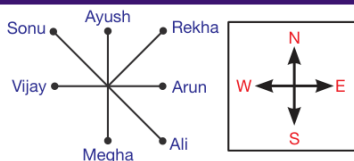
- Identify the underlying pattern and concepts under Visual pattern analysis & directional logic.
- Applying the principles of Mathematics for Class 4, evaluate the given options systematically.
- Option (C) satisfies all required conditions and yields the correct result.

QUESTION 2

Logical Reasoning · Logical Reasoning

2. Who among the following is in the South-West of Arun?

- (A) Vijay
(B) Rekha
(C) Megha
(D) Ali



ANSWER & STEP-BY-STEP EXPLANATION

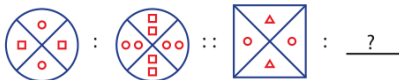
Correct: (C)

- Identify the underlying pattern and concepts under Coding-decoding & sequence completion.
- Applying the principles of Mathematics for Class 4, evaluate the given options systematically.
- Option (D) satisfies all required conditions and yields the correct result.

QUESTION 3

Logical Reasoning · Logical Reasoning

3. There is a certain relationship between the pair of figures on the either side of ::. Identify the relationship of the given pair and find the missing figure.



- (A) (B) (C) (D)

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (A)

- Identify the underlying pattern and concepts under Analogy & classification reasoning.
- Applying the principles of Mathematics for Class 4, evaluate the given options systematically.
- Option (A) satisfies all required conditions and yields the correct result.

QUESTION 4

Mathematical Reasoning · Mathematical Reasoning

4. Which of the following fractions is $\frac{5}{6}$ more than $\frac{7}{12}$?

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (B)

- Identify the underlying pattern and concepts under Algebraic expressions & equations.
- Applying the principles of Mathematics for Class 4, evaluate the given options systematically.
- Option (B) satisfies all required conditions and yields the correct result.

QUESTION 5

Mathematical Reasoning · Mathematical Reasoning

5. If $\square + \square + \square + \square + \square = 125$ and $\square - 4 \star = \star$,
then find the value of $\star + \star + \square + \square$.
(A) 25 (B) 45 (C) 50 (D) 60

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (D)

- Identify the underlying pattern and concepts under Geometry & angle relationships.
- Applying the principles of Mathematics for Class 4, evaluate the given options systematically.
- Option (D) satisfies all required conditions and yields the correct result.

QUESTION 6

Mathematical Reasoning · Mathematical Reasoning

6. Which of the following options is INCORRECT?
(A) 7th multiple of greatest one-digit number is 63.
(B) Largest multiple of a number is the number itself.
(C) The number of common factors of 17 and 51 is 2.
(D) None of these

ANSWER & STEP-BY-STEP EXPLANATION

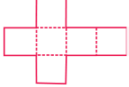
Correct: (B)

- Identify the underlying pattern and concepts under Euclidean geometry & theorems.
- Applying the principles of Mathematics for Class 4, evaluate the given options systematically.
- Option (B) satisfies all required conditions and yields the correct result.

QUESTION 7

Everyday Mathematics · Mathematical Reasoning

7. Varun made a shape by folding the given cardboard along the dotted lines. Which shape did Varun make?

(A)  (B)  (C)  (D) 

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (C)

- Identify the underlying pattern and concepts under Polynomials & financial math.
- Applying the principles of Mathematics for Class 4, evaluate the given options systematically.
- Option (C) satisfies all required conditions and yields the correct result.

QUESTION 8

Everyday Mathematics · Mathematical Reasoning

- 8.** The capacity of a small container is 400 mL and the capacity of a big container is 1500 mL. If Sumit uses 9 small containers and 2 big containers of water to fill up an empty tank, then what is the capacity of the tank?
- (A) 5 L 200 mL (B) 6 L 600 mL (C) 4 L 500 mL (D) 6 L 60 mL

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (B)

- Identify the underlying pattern and concepts under Mensuration & 3D solid geometry.
- Applying the principles of Mathematics for Class 4, evaluate the given options systematically.
- Option (B) satisfies all required conditions and yields the correct result.

QUESTION 9

Achievers Section · Achievers Section

- 9.** Identify the number using the given clues.

- Its ones place digit is the face value of digit at hundreds place in 5782.
- Its tens place digit is the greatest one-digit even number.
- Its thousands place digit is the tens place digit of CDLXIX.
- Its hundreds place digit is greater than its tens place digit.
- Its ten thousands place digit is less than 6 but more than 3.

- (A) 55987 (B) 46798 (C) 47978 (D) 46987

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (D)

- Identify the underlying pattern and concepts under HOTS: Multi-concept analytical evaluation.
- Applying the principles of Mathematics for Class 4, evaluate the given options systematically.
- Option (D) satisfies all required conditions and yields the correct result.

QUESTION 10

Achievers Section · Achievers Section

10. 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

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (D)

- Identify the underlying pattern and concepts under HOTS: Advanced mathematical statement verification.
- Applying the principles of Mathematics for Class 4, evaluate the given options systematically.
- Option (D) satisfies all required conditions and yields the correct result.

ANSWER KEY AT A GLANCE

Q1
(C)

Q2
(C)

Q3
(A)

Q4
(B)

Q5
(D)

Q6
(B)

Q7
(C)

Q8
(B)

Q9
(D)

Q10
(D)

REVISION NOTES

- Attempt the section you are strongest in first - it is the quickest to score.
- Aim for about 60 seconds per question and keep an eye on the clock.
- Re-read the question before choosing an option; watch for 'NOT' and 'EXCEPT'.
- Skip and mark anything you are unsure of, then revisit it in the last ten minutes.
- Practise chapter-wise to build both speed and accuracy before the exam.

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