

CLASS 5 | 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. Select a figure from the options which is NOT exactly embedded in the given figure as one of its parts.



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 5, evaluate the given options systematically.
- Option (C) satisfies all required conditions and yields the correct result.

QUESTION 2

Logical Reasoning · Logical Reasoning

2. Ansh is the father of Tarun. Tarun is the brother of Nidhi and father of Deep. How is Ansh related to Deep?

(A) Grandfather

(B) Father

(C) Grandson

(D) Uncle

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (A)

- Identify the underlying pattern and concepts under Coding-decoding & sequence completion.
- Applying the principles of Mathematics for Class 5, evaluate the given options systematically.
- Option (A) satisfies all required conditions and yields the correct result.

QUESTION 3

Logical Reasoning · Logical Reasoning

3. If the given clock is 32 minutes fast, then what will be the CORRECT time?

(A) 8 : 22

(B) 7 : 18

(C) 7 : 28

(D) 8 : 12



ANSWER & STEP-BY-STEP EXPLANATION

Correct: (B)

- Identify the underlying pattern and concepts under Analogy & classification reasoning.
- Applying the principles of Mathematics for Class 5, evaluate the given options systematically.
- Option (B) satisfies all required conditions and yields the correct result.

QUESTION 4

Mathematical Reasoning · Mathematical Reasoning

4. How many pairs of parallel lines are there in the given figure?

(A) 2

(B) 1

(C) 3

(D) 4



ANSWER & STEP-BY-STEP EXPLANATION

Correct: (A)

- Identify the underlying pattern and concepts under Algebraic expressions & equations.
- Applying the principles of Mathematics for Class 5, evaluate the given options systematically.
- Option (A) satisfies all required conditions and yields the correct result.

QUESTION 5

Mathematical Reasoning · Mathematical Reasoning

5. How many parts of the given figure must be shaded so that $\frac{2}{5}$ of the figure is unshaded?
- (A) 5 (B) 10
(C) 15 (D) 20



ANSWER & STEP-BY-STEP EXPLANATION

Correct: (C)

- Identify the underlying pattern and concepts under Geometry & angle relationships.
- Applying the principles of Mathematics for Class 5, evaluate the given options systematically.
- Option (C) satisfies all required conditions and yields the correct result.

QUESTION 6

Mathematical Reasoning · Mathematical Reasoning

6. Which of the following is the GREATEST?
- (A) HCF of 10 and 30 (B) LCM of 15 and 25
(C) First common multiple of 9 and 12 (D) Greatest prime factor of 35

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (B)

- Identify the underlying pattern and concepts under Euclidean geometry & theorems.
- Applying the principles of Mathematics for Class 5, evaluate the given options systematically.
- Option (B) satisfies all required conditions and yields the correct result.

QUESTION 7

Everyday Mathematics · Mathematical Reasoning

7. Amit received an order of 4507890 toy cars to be manufactured in a month. Due to shortage of man power, he could deliver only 3954600 toy cars. How many toy cars has he not delivered?
- (A) 572170 (B) 453380 (C) 236540 (D) 553290

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (D)

- Identify the underlying pattern and concepts under Polynomials & financial math.
- Applying the principles of Mathematics for Class 5, evaluate the given options systematically.
- Option (A) satisfies all required conditions and yields the correct result.

QUESTION 8

Everyday Mathematics · Mathematical Reasoning

8. Ritik ran along a square field and covered 576 m in 2 rounds. What was the area of that field?
- (A) 5184 sq. m (B) 5230 sq. m (C) 5146 sq. m (D) 5460 sq. m

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (A)

- Identify the underlying pattern and concepts under Mensuration & 3D solid geometry.
- Applying the principles of Mathematics for Class 5, evaluate the given options systematically.
- Option (A) satisfies all required conditions and yields the correct result.

QUESTION 9

Achievers Section · Achievers Section

9. Read the given statements carefully and select the CORRECT option.

Statement-I : The value of $97.125 + 47.391 - 25.682$ when rounded off to nearest hundredths place is 119.

Statement-II : If $a = 38.273$ and $b = 21.138$, then the sum of $a + b$ and $a - b$ is 76.546.

- (A) Both Statement-I and Statement-II are true.
(B) Both Statement-I and Statement-II are false.
(C) Statement-I is true but Statement-II is false.
(D) Statement-I is false but Statement-II is true.

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (D)

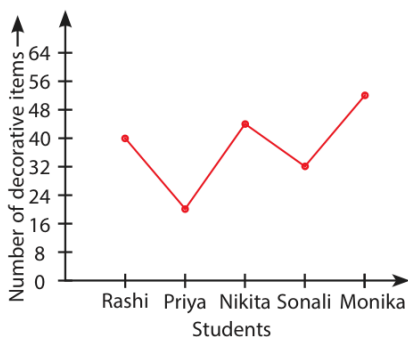
- Identify the underlying pattern and concepts under HOTS: Multi-concept analytical evaluation.
- Applying the principles of Mathematics for Class 5, evaluate the given options systematically.
- Option (D) satisfies all required conditions and yields the correct result.

QUESTION 10

Achievers Section · Achievers Section

10. The given line graph shows the number of different types of decorative items made by five students. Study the given graph carefully and answer the following questions.

- How many less decorative items were made by Nikita than the total number of decorative items made by Priya and Monika together?
- What fraction of decorative items were made by Rashi and Sonali together to the number of decorative items made by all the students?



- | | |
|--------|-------|
| (i) | (ii) |
| (A) 28 | 13/47 |
| (B) 30 | 15/31 |
| (C) 28 | 18/47 |
| (D) 30 | 13/31 |

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (C)

- Identify the underlying pattern and concepts under HOTS: Advanced mathematical statement verification.
- Applying the principles of Mathematics for Class 5, evaluate the given options systematically.
- Option (C) satisfies all required conditions and yields the correct result.

ANSWER KEY AT A GLANCE

Q1 (C)	Q2 (A)	Q3 (B)	Q4 (A)	Q5 (C)	Q6 (B)	Q7 (D)	Q8 (A)	Q9 (D)	Q10 (C)
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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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