

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 Science concepts and their applications.
- Section 3** Everyday application of Science.
- 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. In a certain code language, if 'DETAIL' is coded as 'EDTALI', then how will 'OBJECT' be coded in the same code language?
(A) BOEJTC (B) BOJETC (C) PCJEDU (D) BJOTCE

ANSWER & STEP-BY-STEP EXPLANATION

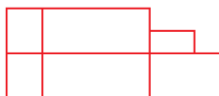
Correct: (B)

- Identify the underlying pattern and concepts under Pattern recognition & spatial ordering.
- Applying the principles of Science for Class 5, evaluate the given options systematically.
- Option (B) satisfies all required conditions and yields the correct result.

QUESTION 2

Logical Reasoning · Logical Reasoning

2. Find the number of rectangles formed in the given figure.



- (A) 10 (B) 11 (C) 12 (D) More than 12

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (D)

- Identify the underlying pattern and concepts under Analytical grouping & Venn classification.
- Applying the principles of Science for Class 5, evaluate the given options systematically.
- Option (D) satisfies all required conditions and yields the correct result.

QUESTION 3

Logical Reasoning · Science Reasoning

3. There is a certain relationship between the pair of terms on the either side of ::. Identify the relationship in the right pair and find the missing term.
SIT : ? :: MUD : LSA
(A) RGQ (B) TKW (C) RKQ (D) TGS

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (A)

- Identify the underlying pattern and concepts under Physics: Motion, force & energy principles.
- Applying the principles of Science for Class 5, evaluate the given options systematically.
- Option (A) satisfies all required conditions and yields the correct result.

QUESTION 4

Science · Science Reasoning

4. Read the given statements regarding an animal X and select the option that correctly identifies it.
- It has flippers.
 - It has lungs for breathing.
 - It has webbed feet.
- (A) Polar bear (B) Penguin (C) Seahorse (D) Eel

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (B)

- Identify the underlying pattern and concepts under Chemistry: Matter, atomic structure & reactions.
- Applying the principles of Science for Class 5, evaluate the given options systematically.
- Option (B) satisfies all required conditions and yields the correct result.

QUESTION 5

Science · Science Reasoning

5. Complete the given analogy by selecting the correct option.

Rickets : Vitamin D :: _____ : Vitamin B₁

- (A) Beriberi (B) Scurvy (C) Night-blindness (D) Anaemia

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (A)

- Identify the underlying pattern and concepts under Biology: Cell structure & life processes.
- Applying the principles of Science for Class 5, evaluate the given options systematically.
- Option (C) satisfies all required conditions and yields the correct result.

QUESTION 6

Science · Science Reasoning

6. Seeds of which of the following plants is dispersed by animals?

- (A) Milkweed (B) *Xanthium* (C) Cattail (D) Balsam

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (B)

- Identify the underlying pattern and concepts under Environmental science & natural resources.
- Applying the principles of Science for Class 5, evaluate the given options systematically.
- Option (B) satisfies all required conditions and yields the correct result.

QUESTION 7

Science · Science Reasoning

7. Refer to the given relationship and select the option that satisfies the same relationship.



- (A) Steering wheel : Crowbar : Knife (B) Nutcracker : Razor blade : Ramp
(C) Tongs : Screw : Children slide (D) Wheel barrow : Tweezers : Scissors

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (A)

- Identify the underlying pattern and concepts under Physics & Chemistry application problems.
- Applying the principles of Science for Class 5, evaluate the given options systematically.
- Option (A) satisfies all required conditions and yields the correct result.

QUESTION 8

Science · Science Reasoning

8. Which among the following is the classical dance form of Andhra Pradesh?

- (A) Bharatanatyam (B) Odissi (C) Kathakali (D) Kuchipudi

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (D)

- Identify the underlying pattern and concepts under Biological systems & organism adaptations.
- Applying the principles of Science for Class 5, evaluate the given options systematically.
- Option (D) satisfies all required conditions and yields the correct result.

QUESTION 9

Achievers Section · Achievers Section

9. Read the given statements and select the option that correctly identifies them as true (T) and false (F) ones.

- (i) Burning coal is an example of conversion of chemical energy into heat energy.
- (ii) When we swim in a swimming pool, buoyant force acts on our body.
- (iii) When an object vibrates, light energy is produced, which travels in a straight line.
- (iv) If an electric bulb is lit in vacuum, no light rays can be seen.

	(i)	(ii)	(iii)	(iv)
(A)	T	F	T	F
(B)	F	F	T	T
(C)	T	T	T	F
(D)	T	T	F	F

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (D)

- Identify the underlying pattern and concepts under HOTS: Advanced scientific experiment analysis.
- Applying the principles of Science 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. Unscramble the letters given in column I, match them with column II and select the correct option from the given codes.

Column I

(Hindi names of planet)

(i) HASKUR

(ii) RIHIPTV

(iii) RAABTSIIPH

(iv) UVNRA

Column II

(Feature of planet)

(a) Takes around 12 years to revolve around the Sun

(b) Does not have any natural satellite

(c) About 70% of its surface is covered with water

(d) Takes around 165 years to revolve around the Sun

(A) (i)-(d), (ii)-(b), (iii)-(a), (iv)-(c)

(C) (i)-(a), (ii)-(b), (iii)-(c), (iv)-(d)

(B) (i)-(b), (ii)-(c), (iii)-(d), (iv)-(a)

(D) (i)-(b), (ii)-(c), (iii)-(a), (iv)-(d)

ANSWER & STEP-BY-STEP EXPLANATION

Correct: (D)

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

ANSWER KEY AT A GLANCE

Q1
(B)

Q2
(D)

Q3
(A)

Q4
(B)

Q5
(A)

Q6
(B)

Q7
(A)

Q8
(D)

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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