CLASS
2

SCIENCE OLYMPIAD FOUNDATION

SAMPLE PAPER 2026-27

SOF INTERNATIONAL MATHEMATICS OLYMPIAD

Total Questions : 35 | Time : 1 hr.

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	2

SYLLABUS

Section – 1 : Patterns, Odd One Out, Measuring Units, Geometrical Shapes, Analogy, Ranking Test, Grouping of Figures, Embedded Figures, Coding-Decoding.

Section – 2 : Numerals, Number Names, Number Sense (3-digit numbers), Computation Operations, Length, Weight, Capacity, Time, Temperature, Money, Lines, Shapes and Solids, Pictographs, Patterns.

Section – 3 : Syllabus as per Section – 2.

Section – 4 : Higher Order Thinking Questions - Syllabus as per Section – 2.

LOGICAL REASONING

1. Which of the following objects can roll but not slide?

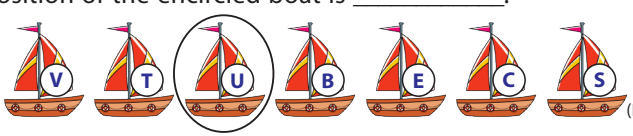
(A) 

(B) 

(C) 

(D) 

2. The position of the encircled boat is _____.



(A) 4th from the left end

(B) 5th from the right end

(C) 3rd from the right end

(D) 2nd from the left end

3. Select a figure from the options which is exactly embedded in the given figure as one of its parts.



(A) 

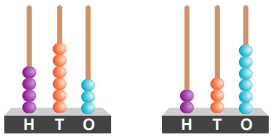
(B) 

(C) 

(D) 

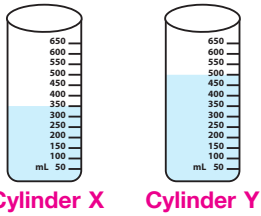
MATHEMATICAL REASONING

4. The sum of the numbers shown on the two abacuses is _____.



(A) 699 (B) 705 (C) 689 (D) 599

5. How much more quantity of water cylinder Y contains than cylinder X?



(A) 200 mL (B) 250 mL (C) 100 mL (D) 150 mL

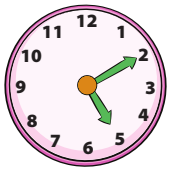
6. Compare and fill the box using '>', '<' or '='.

Place value of digit 7 in 978 ☐ Place value of digit 5 in 532

(A) > (B) <
(C) = (D) Can't be determined

EVERYDAY MATHEMATICS

7. Mehak went for picnic with her friends at the time shown in the given clock. If they came back after 2 hours 20 minutes, then at what time did they come back from picnic?



(A) 7:20 (B) 7:30 (C) 7:40 (D) 7:35

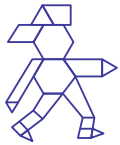
8. Aman got the amount shown as his birthday gift. Which of the following options is NOT CORRECT with respect to the amount of money shown here?



(A) One hundred and thirty one (B) 100 + 20 + 70 + 10 + 1
(C) 2 hundreds – 69 ones (D) 10 tens + 31 ones

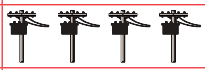
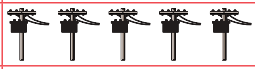
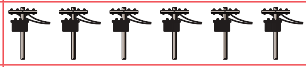
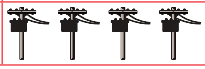
ACHIEVERS SECTION

9. Observe the given picture and select the CORRECT option.



(A) There are 10 horizontal lines.
(B) There are 5 more slanting lines than vertical lines.
(C) There is no curved line.
(D) Both (A) and (C)

10. The given pictograph shows the number of electric poles planted along the roadside of a city at 5 different locations. Study the given pictograph carefully and answer the following questions.

Locations	Number of electric poles planted
P	
Q	
R	
S	
T	
Each  stands for 5 electric poles.	

(p) The difference between the number of electric poles planted at locations P and S is _____.
(q) If 10 electric poles were shifted from location T to location Q, then the total number of electric poles at location Q is _____.

	(p)	**(q)**
(A)	10	35
(B)	10	25
(C)	5	35
(D)	5	25

ANSWER KEY

1. (A) 2. (B) 3. (C) 4. (A) 5. (D) 6. (B) 7. (B) 8. (B) 9. (D) 10. (C)