CLASS
3

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, Analogy and Classification, Alphabet Test, Coding-Decoding, Ranking Test, Grouping of Figures and Figure Matrix, Mirror Images, Geometrical Shapes, Embedded Figures, Possible Combinations, Clock and Calendar.

Section – 2 : Numerals, Number Names, Number Sense (4-digit numbers), Computation Operations, Fractions, Length, Weight, Capacity, Temperature, Time, Money, Geometry, Data Handling.

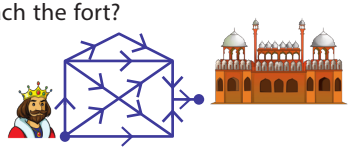
Section – 3 : Syllabus as per Section – 2.

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

LOGICAL REASONING

1. In how many different ways, can the king reach the fort?

(A) 5
(B) 4
(C) 3
(D) 7



2. Select the combination of numbers from the options in which the given letters are arranged accordingly to form a meaningful English word.

D G I E U
1 2 3 4 5

(A) 4, 3, 2, 1, 5 (B) 2, 5, 3, 1, 4 (C) 3, 5, 1, 2, 4 (D) 2, 3, 1, 5, 4

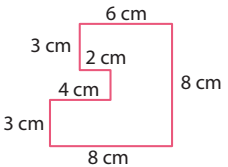
3. If today is third day from Monday, then tomorrow will be _____.

(A) Saturday (B) Thursday (C) Friday (D) Wednesday

MATHEMATICAL REASONING

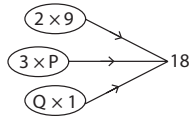
4. Find the total length of boundary of the given figure (not drawn to scale).

(A) 36 cm
(B) 38 cm
(C) 34 cm
(D) None of these



5. Study the given number bond carefully. Find the value of P + Q.

(A) 30
(B) 18
(C) 28
(D) 24



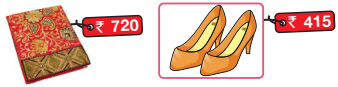
6. Which of the following clocks shows 20 minutes past 5:00?

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

EVERYDAY MATHEMATICS

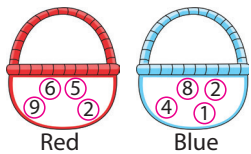
7. Ashima bought 2 sarees and 1 pair of heels from the market. How much total amount does she need to pay, if the cost of 1 saree and 1 pair of heels are shown here?

(A) ₹ 1135
(B) ₹ 1530
(C) ₹ 1855
(D) ₹ 1760



8. Sohan has two baskets full of some number tokens. He likes the numbers that are in red basket. Which of the following numbers is formed by using the digits given in basket which he likes?

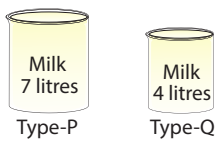
(A) 8763
(B) 6529
(C) 7563
(D) 6958



ACHIEVERS SECTION

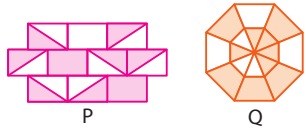
9. A barrel contains 4 litres of milk in it. If milk from 5 containers of type-P and 7 containers of type-Q are poured in it to fill it completely, then what is the capacity of the barrel?

(A) 67 litres
(B) 63 litres
(C) 65 litres
(D) 52 litres



10. Observe the given figures carefully and select the CORRECT option.

(A) The shaded fraction of figure P is $\frac{11}{20}$.
(B) The unshaded fraction of figure Q is $\frac{3}{8}$.
(C) If one more rectangle will be shaded in figure P, then the unshaded fraction of figure P will be $\frac{7}{20}$.
(D) All of these



ANSWER KEY

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