

SOF INTERNATIONAL MATHEMATICS OLYMPIAD 2025-26

CLASS
3

QUESTION
PAPER SET

A

Total Questions : 35

Time : 1 hr.

Guidelines for the Candidate

- You will get additional ten minutes to fill up information about yourself on the OMR Sheet, before the start of the exam.
- Write your **Name, School Code, Class, Section, Roll No.** and **Mobile Number** clearly on the **OMR Sheet** and do not forget to sign it. We will share your marks / result and other information related to SOF exams on your mobile number.
- The Question Paper comprises four sections:
Logical Reasoning (10 Questions), **Mathematical Reasoning** (10 Questions), **Everyday Mathematics** (10 Questions) and **Achievers Section** (5 Questions)
Each question in Achievers Section carries 2 marks, whereas all other questions carry 1 mark each.
- All questions are compulsory. There is no negative marking. Use of calculator is not permitted.
- There is only ONE correct answer. Choose only ONE option for an answer.
- To mark your choice of answers by darkening the circles on the OMR Sheet, use **HB Pencil** or **Blue / Black ball point pen** only. E.g.
Q. 16: Raghav drinks 10 glasses of water in one day. If he drinks same amount of water every day, then how many glasses of water will he drink in one week?
A. 70 B. 40 C. 50 D. 65
As the correct answer is option A, you must darken the circle corresponding to option A on the OMR Sheet.
- Rough work should be done in the blank space provided in the booklet.
- Return the OMR Sheet to the invigilator at the end of the exam.
- Please fill in your personal details in the space provided before attempting the paper.

16. A B C D

Name:.....

SOF Olympiad Roll No.:.....

Contact No.:.....

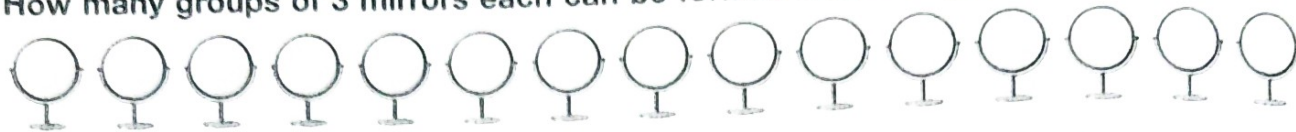
DO NOT OPEN THIS BOOKLET UNTIL ASKED TO DO SO



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LOGICAL REASONING

1 How many groups of 3 mirrors each can be formed from the given mirrors?

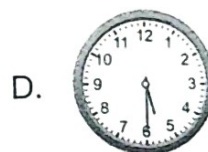
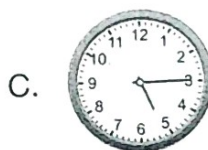


- A. 5 B. 3 C. 6 D. 4

2 Which of the following objects has maximum number of corners?



3 Which of the following clocks correctly shows quarter to 5?



4 Select the CORRECT mirror image of the given figure.

A. YOL

B. 702

C. JOY

D. 20J



5 Find the missing number in the given number pattern.



- A. 62 B. 69 C. 67 D. 77

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



SPACE FOR ROUGH WORK

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

N T E D R
1 2 3 4 5

- A. 2, 1, 3, 4, 5 B. 4, 2, 1, 3, 5 C. 2, 5, 3, 4, 1 D. 2, 5, 3, 1, 4

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



- A. B. C. D.

- 9 How many different possible combinations of 1 watch and 1 hat each can be formed from the given watches and hats?



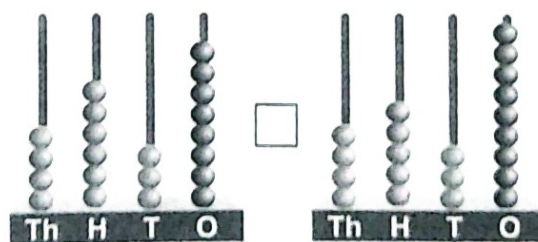
- A. 10 B. 12 C. 24 D. 15

- 10 If is called , is called and is called , then _____ is generally used to click pictures.

- A. B. C. D.

MATHEMATICAL REASONING

- 11 Compare the following and fill the box using $<$, $>$ or $=$.



- A. = B. >
C. < D. Can't be determined

SPACE FOR ROUGH WORK

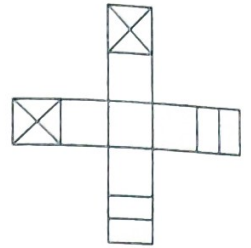
12 In the given figure, the unshaded fraction is _____.

A. $\frac{4}{5}$

B. $\frac{4}{9}$

C. $\frac{5}{9}$

D. $\frac{3}{5}$



13 How many straight lines are required to draw the given figure?

A. 8

B. 15

C. 11

D. 12



14 The following amount of money saved by Naksh in each week.



How much total amount of money will he save in 7 weeks?

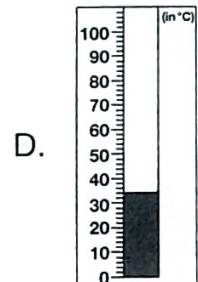
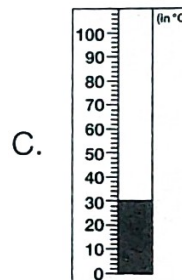
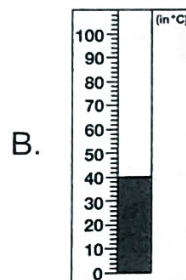
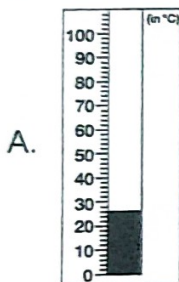
A. ₹ 1852

B. ₹ 1718

C. ₹ 1932

D. None of these

15 Which of the following thermometers shows the temperature 12°C more than 18°C ?



DIRECTIONS (16-17): The given pictograph shows the number of strawberries eaten by five groups of children on a particular day. Study the given pictograph carefully and answer the following questions.

| Groups | Number of strawberries eaten |
|--------|------------------------------|
| P | |
| Q | |
| R | |
| S | |
| T | |

Each represents 6 strawberries.

16 How many groups of children ate more than 50 strawberries on that day?

A. 4

B. 3

C. 2

D. 5

17 How many more strawberries were eaten by groups Q and T together than by group P?

A. 12

B. 10

C. 8

D. 15

SPACE FOR ROUGH WORK

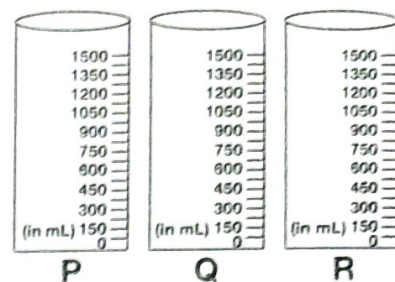
- 18 Find the missing number.

$$\boxed{?} \rightarrow \boxed{\times 5} \rightarrow \boxed{+ 8} \rightarrow \boxed{\div 6} \rightarrow \boxed{- 5} = \boxed{3}$$

- A. 4 B. 8 C. 10 D. 12

- 19 The quantity of water in three containers are shown here. How much quantity of water is there in all the three containers?

- A. 2 L 550 mL
B. 2 L 700 mL
C. 2 L 850 mL
D. 3 L 150 mL



- 20 If we divide the greatest 4-digit number by greatest 1-digit even number, then we get
- A. Quotient = 1249, Remainder = 7 B. Quotient = 1248, Remainder = 7
C. Quotient = 1249, Remainder = 6 D. Quotient = 1248, Remainder = 6

EVERYDAY MATHEMATICS

- 21 Monika bought 27 English books and 45 Hindi books for her library. If she arranged all the books into 4 rows equally, then how many books did she arrange in each row?
- A. 18 B. 20 C. 36 D. 25

- 22 Anjana's doll house is shown here. How many minimum number of straight lines are required to draw the given doll house?

- A. 19
B. 20
C. 25
D. 32



- 23 Sahil saved ₹ 2520 in the month of August and ₹ 3276 in the month of September. How much more money did he save in September than in August?
- A. ₹ 720 B. ₹ 686 C. ₹ 756 D. ₹ 812

- 24 In a shop, there are 41 water bottles. Out of which, 17 are green in color and the rest are blue. Find the fraction of blue water bottles in the shop.
- A. $\frac{17}{41}$ B. $\frac{24}{41}$ C. $\frac{7}{17}$ D. $\frac{17}{24}$

- 25 Vineet has a dental appointment on November 15. If the day on November 2 is Thursday, then on which day of the week is his appointment?
- A. Friday B. Wednesday C. Tuesday D. Thursday

SPACE FOR ROUGH WORK

32 The given table shows the amount of money spent by Varun and Shivam in a month.

| Items | Varun | Shivam |
|---------------|--------|--------|
| Transport | ₹1550 | ₹ 1800 |
| Shopping | ₹2100 | ₹ 1750 |
| Medicine | ₹1320 | ₹ 2110 |
| Food | ? | ₹ 940 |
| Miscellaneous | ₹ 580 | ? |
| Total | ₹ 6300 | ₹ 7000 |

(p) How much more money did Varun spend on food than on miscellaneous items?

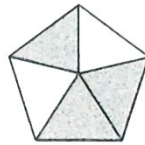
(q) What is the difference between the amount of money spent by Shivam on transport and medicine together and on shopping, food and miscellaneous items altogether?

- | (p) | (q) |
|----------|-------|
| A. ₹ 170 | ₹ 750 |
| B. ₹ 230 | ₹ 820 |
| C. ₹ 170 | ₹ 820 |
| D. ₹ 210 | ₹ 750 |

33 Which of the following options is INCORRECT?

A. In the word DELICIOUS, the fraction of vowels is $\frac{5}{9}$.

B. The difference between the shaded and unshaded fraction of the given figure is $\frac{2}{5}$.



C. If $P = \frac{4}{5}$ of 55 and $Q = \frac{3}{7}$ of 21, then the value of $P - Q$ is 36.

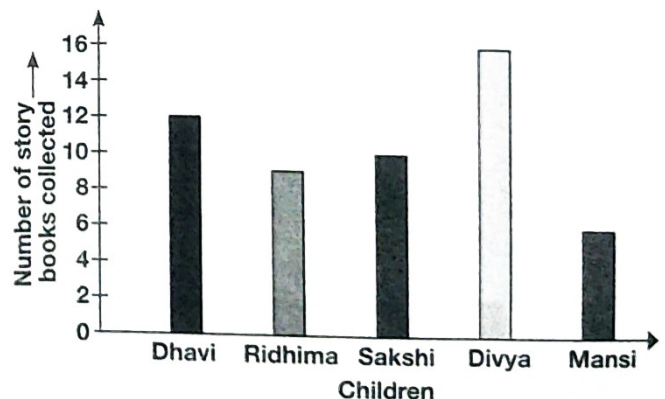
D. Both B and C

34 The given bar graph shows the story books collected by five children during a year. Study the given bar graph carefully and answer the following questions.

(p) The number of story books collected by Dhavi, Sakshi and Mansi altogether is _____.

(q) The number of story books collected by Sakshi is _____ less than Divya and _____ more than Ridhima.

- | (p) | (q) |
|-------|------|
| A. 28 | 6, 1 |
| B. 30 | 4, 1 |
| C. 30 | 6, 2 |
| D. 28 | 4, 2 |



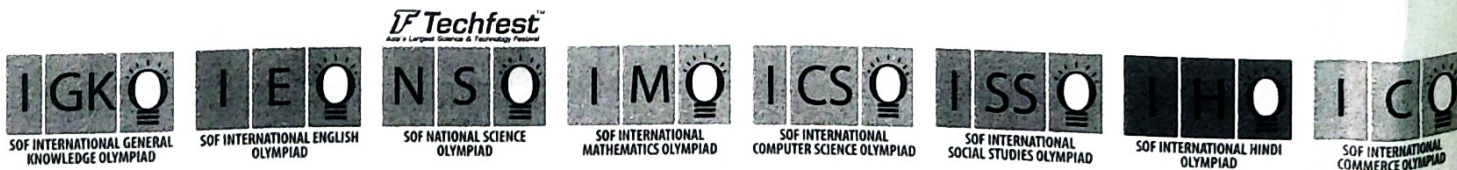
SPACE FOR ROUGH WORK


35 Read the given statements carefully and state T for true and F for false.

- (p) The place value of digit 7 in the number 7892 is same as the face value of digit 7 in the number 8790.
- (q) The expanded form of the greatest 4-digit number formed by using the digits 3, 2, 8 and 9 (using each digit only once), is $9000 + 300 + 20 + 80$.
- (r) The number name of the greatest 3-digit even number is "Nine hundred ninety eight".

| | (p) | (q) | (r) |
|----|-----|-----|-----|
| A. | F | T | T |
| B. | T | F | T |
| C. | T | T | F |
| D. | F | F | T |

SPACE FOR ROUGH WORK



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