

CLASS
4

**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. 16. ● B C D
- 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.

Name:.....

SOF Olympiad Roll No.:.....

Contact No.:.....

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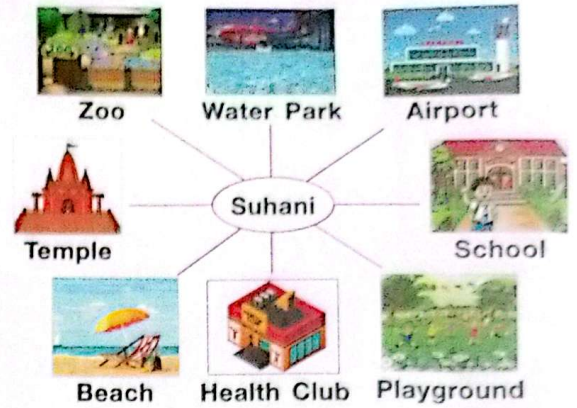
72
Countries

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Assessments

8
Olympiads

- 1 Suhani is facing the Health Club. She turns $\frac{3}{4}$ towards her left and then make a $\frac{1}{2}$ turn towards right. What will she be facing now?

- A. Zoo
B. School
C. Temple
D. Airport



- 2 If the day before yesterday was Wednesday, then what will be the 15th day from today?
A. Wednesday B. Thursday C. Saturday D. Friday

- 3 How many of the following letters have at least one line of symmetry?

ANTIQUE

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

- 4 Find the missing number in the given number pattern.



- A. 205 B. 200 C. 210 D. 215

- 5 If all the digits which are factors of 5 are removed from the given arrangement, then _____ will be the 4th element to the right of 2nd element from the left end.

7 5 @ 8 2 # 3 B 9 © 1 D K 4 * (Right)

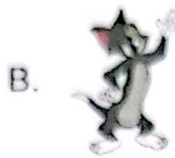
- A. K B. 3 C. 2 D. ©

- 6 Select the odd one out.



SPACE FOR ROUGH WORK

7 Select the CORRECT mirror image of the given figure.



8 Which of the following words CANNOT be formed from the letters of the given word?

EMPOWERING

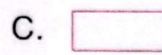
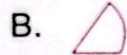
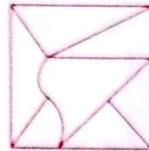
A. REGION

B. MOPING

C. MENTOR

D. IGNORE

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



10 If is called , is called , is called , then _____ is generally used in temples to announce the start of worship.



MATHEMATICAL REASONING

11 Which of the following gives the LEAST value?

A. CMXLIX - DCCXC

B. CDIX + CXCX

C. CMXCI - DXCVIII

D. CCCLXXXIII + XXXIV

12 The given list shows the names of friends of Advik. What fraction of names are starting with a vowel?

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

B. $\frac{1}{2}$

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

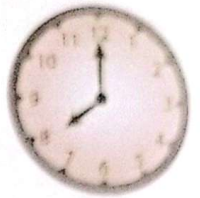
D. $\frac{2}{7}$

Friends of Advik	
Ryan	Maanya
Kavya	Aditya
Umesh	Tarun
Shaurya	Emily
Anisha	

SPACE FOR ROUGH WORK

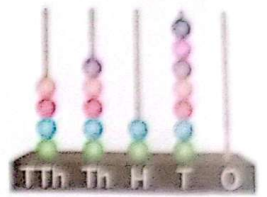
13 The given clock is 50 mins fast. What would be the actual time after 2 hrs 15 mins?

- A. 10:15
 B. 9:30
 C. 10:25
 D. 9:25

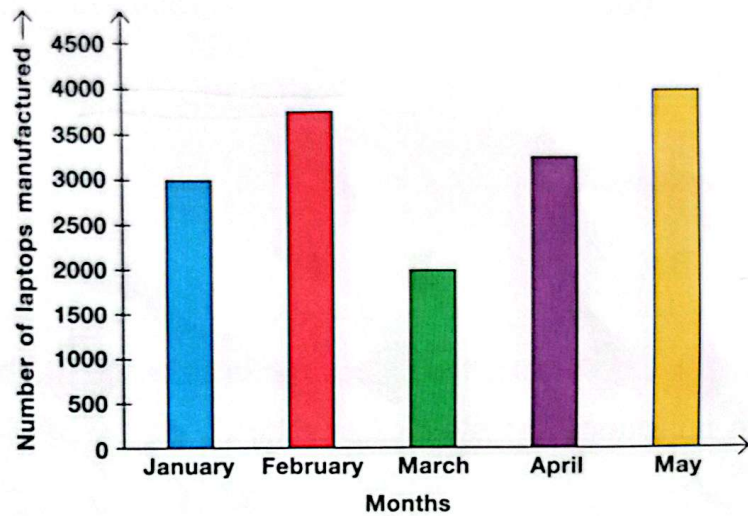


14 The number represented by the given abacus is _____.

- A. Forty five thousand two hundred seven
 B. Fifty four thousand two hundred seventy
 C. Forty five thousand two hundred seventy
 D. Thirty four thousand two hundred seven



DIRECTIONS (15-16) : The given bar graph shows the number of laptops manufactured by a company over the given five months. Study the graph carefully and answer the following questions.



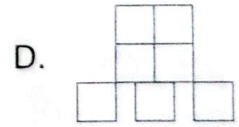
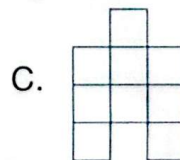
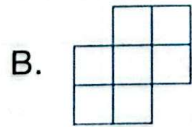
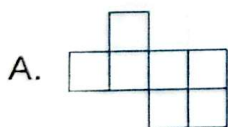
15 How many less laptops were manufactured in February than in January and May together?

- A. 2500
 B. 3250
 C. 2750
 D. 3000



16 Find the fraction of number of laptops manufactured in March to the number of laptops manufactured in April.

- A. $\frac{7}{15}$
 B. $\frac{5}{13}$
 C. $\frac{8}{15}$
 D. $\frac{8}{13}$

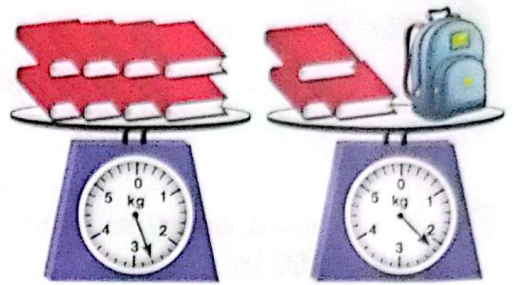
17 Which of the following figures has exactly two lines of symmetry?



SPACE FOR ROUGH WORK

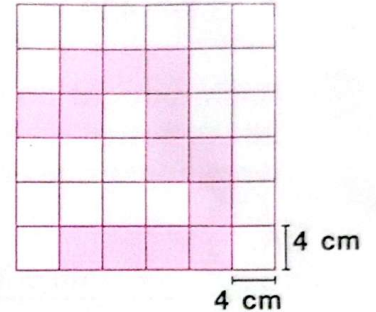
- 18 If the weight of each  is same, then the weight of  is _____ g.

- A. 1225 B. 1500
C. 950 D. 1600



- 19 Find the perimeter of the shaded part of the given figure.

- A. 96 cm
B. 112 cm
C. 120 cm
D. None of these



- 20 If $\triangle + \star + \star + \star + \star = 120$ and $\star + \star + \star - \triangle = 55$, then $\star =$ _____.
- A. 25 B. 30 C. 20 D. 35

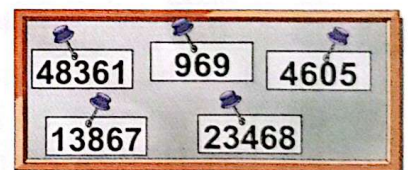
EVERYDAY MATHEMATICS

- 21 Divya bought six bottles of orange juice each of 1500 mL capacity for a picnic. If 6 L 750 mL of juice was consumed, then how much juice is left with her?
- A. 3 L 300 mL B. 3 L 250 mL C. 2 L 250 mL D. 2 L 150 mL

- 22 For a venue decoration, an event manager needs 4580 red flowers, 7150 white flowers and 2375 orange flowers. How many total flowers does he need in all?
- A. 14105 B. 12120 C. 13790 D. 14510

- 23 Anjali has some numbers as shown on the board. How many of the given numbers has 60 as the place value of 6?

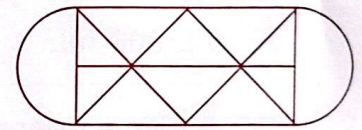
- A. 2 B. 3
C. 4 D. 5



- 24 Ashima wants to fence her rectangular garden with wire. If the length of garden is 75 m and breadth is 20 m less than the length, then how much total wire does she need in all?
- A. 95 m B. 175 m C. 260 m D. 150 m

SPACE FOR ROUGH WORK

- 25 The total number of children in a class is 40. If the fraction of the class that was present on Monday is $\frac{31}{40}$, then how many children were absent on that day?
A. 31 B. 18 C. 21 D. 9
-
- 26 Vivek went every morning for his running practice. He ran 5 km 150 m on Monday, 3 km 250 m more on Tuesday than on Monday. How much total distance did he run on both the days?
A. 8 km 400 m B. 10 km 950 m C. 7 km 850 m D. 13 km 550 m
-
- 27 Rashi bought 56 cookies from the market. Out of which 14 are chocolate cookies, 28 are butter cookies and rest are sugar cookies. What fraction of total cookies bought were sugar cookies?
A. $\frac{1}{5}$ B. $\frac{1}{4}$ C. $\frac{1}{6}$ D. $\frac{2}{5}$
-
- 28 XYZ publication published a new book having 648 pages. How many total pages are there in 37 such books?
A. 25712 B. 23976 C. 21720 D. 24796
-
- 29 A librarian ordered 40 Maths books and 35 Science books for the library. If the cost of each Maths book is ₹ 125 and that of each Science book is ₹ 92, then how much did she has to pay for the books?
A. ₹ 8220 B. ₹ 7580 C. ₹ 8190 D. ₹ 9370
-
- 30 Mayank drew a figure as shown here. How many lines of symmetry does the given figure has?
A. 0 B. 1
C. 2 D. 3



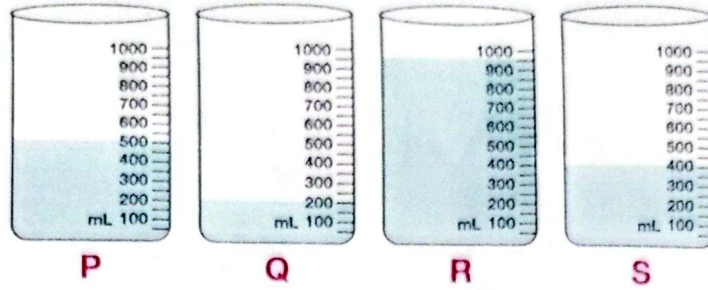
ACHIEVERS SECTION

- 31 Read the given statements carefully and state T for true and F for false.
(i) 2 is the smallest odd prime number.
(ii) The number of factors of largest 3-digit prime number is 5.
(iii) The HCF of 36 and 144 is 36.

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

SPACE FOR ROUGH WORK

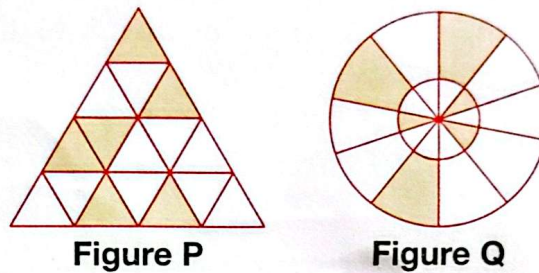
32 The given figure shows the amount of water in 4 beakers at first.



Mohit poured the water of beaker S equally to beakers P and Q and then poured 150 mL of water from beaker R to beaker S. Which of the following options shows the **CORRECT** descending order of beakers as per water contained in them now?

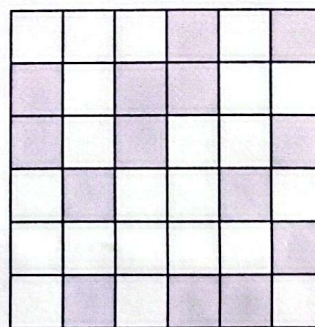
- A. P, R, S, Q B. Q, R, S, P C. R, P, Q, S D. S, Q, P, R

33 Observe the given figures carefully and select the **INCORRECT** option.



- A. $\frac{2}{5}$ part of figure P is shaded.
 B. The difference between the unshaded and shaded fraction of figure Q is $\frac{3}{5}$.
 C. The unshaded fraction of figure P is more than the shaded fraction of figure Q.
 D. Both A and B







34 How many minimum number of squares must be shaded so that the given figure has exactly one line of symmetry?



- A. 4 B. 5 C. 6 D. None of the

SPACE FOR ROUGH WORK

- 35 The given pictograph shows the number of marbles in six different boxes. Study the pictograph carefully and answer the following questions.


Boxes	Number of marbles
P	
Q	
R	
S	
T	
Each  represents 8 marbles.	

- (i) How many more marbles should be in box T so that it will have same number of marbles as in box R?
- (ii) Find the fraction of number of marbles in box S to the total number of marbles in box P and box Q together.

- | | |
|-------|---------------|
| (i) | (ii) |
| A. 60 | $\frac{1}{2}$ |
| B. 56 | $\frac{3}{4}$ |
| C. 60 | $\frac{2}{3}$ |
| D. 56 | $\frac{1}{2}$ |

SPACE FOR ROUGH WORK



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