

**SOF INTERNATIONAL
MATHEMATICS OLYMPIAD
2024-25**

CLASS

1

QUESTION
PAPER SET

C

DO NOT OPEN THIS BOOKLET UNTIL ASKED TO DO SO

Total Questions : 35 | Time : 1 hr.

Guidelines for the Candidate

1. You will get additional ten minutes to fill up information about yourself on the OMR Sheet, before the start of the exam.
2. 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.
3. 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 one mark each.

4. All questions are compulsory. There is no negative marking. Use of calculator is not permitted.
5. There is only ONE correct answer. Choose only ONE option for an answer.
6. To mark your choice of answers by darkening the circles on the OMR Sheet, use **HB Pencil** or **Blue / Black ball point pen** only.

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)

7. Rough work should be done in the blank space provided in the booklet.
8. Return the OMR Sheet to the invigilator at the end of the exam.
9. 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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LOGICAL REASONING

- 1 Varun's Mathematics exam will be on third Thursday of February 20XX. On which date his Mathematics exam will be held?

A. 22nd February
B. 16th February
C. 15th February
D. 21st February

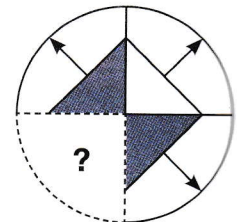
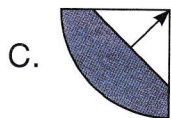
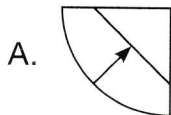
FEBRUARY 20XX						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29		

- 2 _____ groups of 4 flags each can be formed from the given flags.

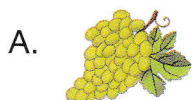


A. 3 B. 4 C. 2 D. 6

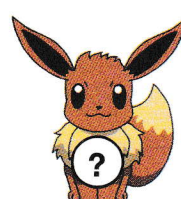
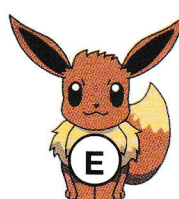
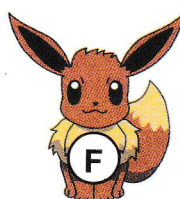
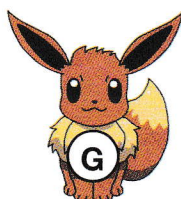
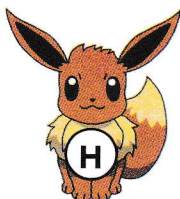
- 3 Select a figure from the options which will complete the given figure pattern.



- 4 _____ is exactly in the middle of the given arrangement.



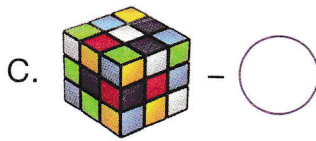
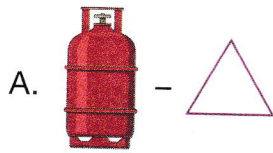
- 5 Find the missing alphabet in the given alphabet pattern.

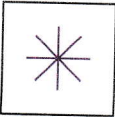
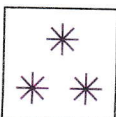
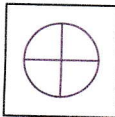


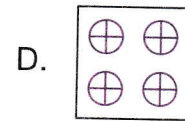
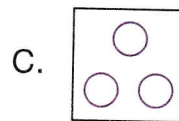
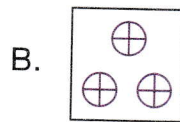
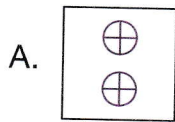
A. B B. H C. D D. K

SPACE FOR ROUGH WORK

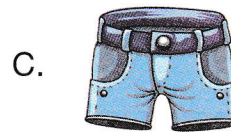
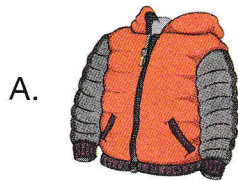
6 Select the CORRECT match of the shape that can be drawn using the given solids.



7 If  is related to  in some way, then in the same way  is related to _____.

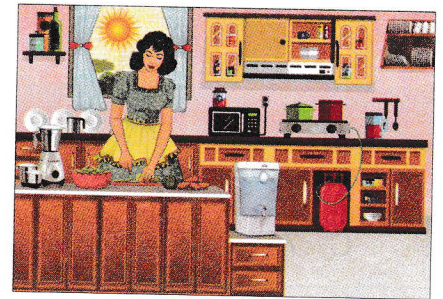


8 Select the odd one out.



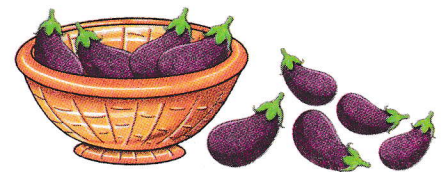
9 The lady is making breakfast for her family. It must be _____.

- A. Afternoon
- B. Night
- C. Morning
- D. Evening



10 There are _____ brinjals inside the basket.

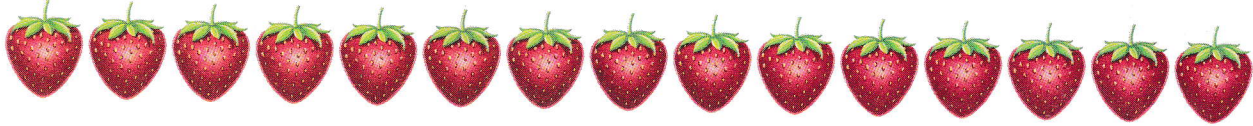
- A. 5
- B. 3
- C. 4
- D. 6



SPACE FOR ROUGH WORK

MATHEMATICAL REASONING

- 11 Which of the following options shows the expanded form of the number of given strawberries?



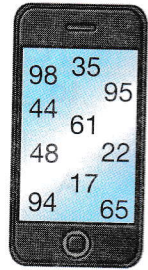
- A. $10 + 6$ B. $10 + 5$ C. $1 + 6$ D. $1 + 5$

- 12 There is/are _____ month(s) in a year that has/have exactly 29 days in a leap year.

- A. 0 B. 1 C. 2 D. 3

- 13 The difference between the greatest and the smallest number shown in the mobile phone is _____.

- A. 64
B. 84
C. 81
D. 28

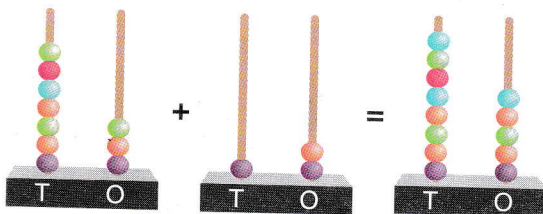


- 14 The given object can _____.

- A. Roll only B. Slide only
C. Both roll and slide D. Neither roll nor slide



- 15 _____ + _____ = _____ shows _____.



- A. $73 + 12 = 85$ B. $74 + 11 = 85$
C. $71 + 13 = 84$ D. $70 + 8 = 78$

- 16 Which of the following options has same cost as the amount shown below?

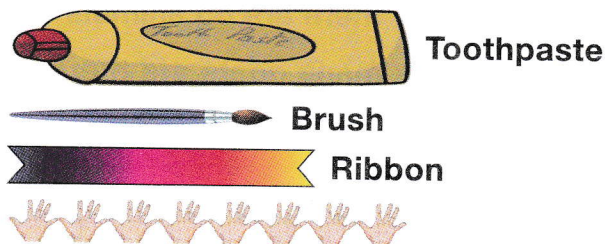


- A. ₹80 B. ₹40 C. ₹55 D. ₹75

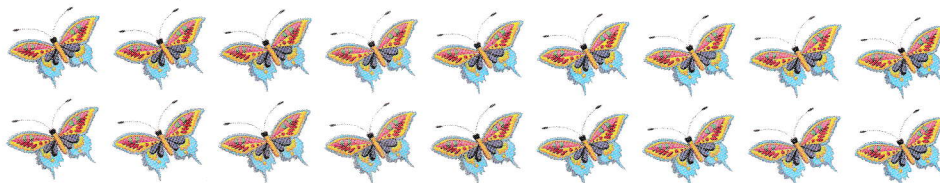
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17 _____ is the longest and _____ is the shortest.

- A. Toothpaste, Brush
- B. Brush, Ribbon
- C. Ribbon, Toothpaste
- D. Brush, Toothpaste



18 _____ is same as the number of butterflies shown here.



- A. 1 tens 5 ones
- B. 2 tens 3 ones
- C. 1 tens 7 ones
- D. 1 tens 8 ones

19 Which of the following can hold maximum quantity of water?



20 Find the missing value.

$$7 \text{ tens } 5 \text{ ones} + 2 \text{ tens } 4 \text{ ones} = ?$$

- A. 89
- B. 86
- C. 99
- D. 98

EVERYDAY MATHEMATICS

21 Ayan had 22 stickers. He bought 7 more stickers from the store. How many stickers does Ayan have now?

- A. 35
- B. 40
- C. 42
- D. 29





22 Kanika bought three packets of milk as shown here. Find the total cost of three such packets.

- A. ₹ 90
- B. ₹ 80
- C. ₹ 60
- D. ₹ 70



SPACE FOR ROUGH WORK

- 23 In a farm, there are 45 animals in all. If 23 of them are  and rest are , then how many goats are there in the farm?

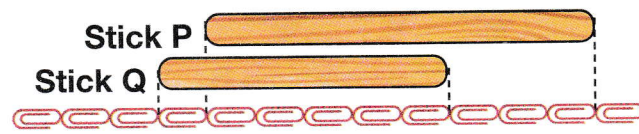
A. 20 B. 22 C. 18 D. 19

- 24 Ankita's father gave her the given toy on her birthday. The shape of the given toy is _____.

A. Cube B. Sphere
C. Cylinder D. Cuboid



- 25 Aanya has two sticks P and Q. Stick P is _____ units longer than stick Q.



Each  stands for 1 unit.

A. 2 B. 4 C. 6 D. 8

- 26 Aman donates 12 food packets on Saturday and 15 food packets on Sunday to needy people. How many total food packets did he donate on both the days?

A. 27 B. 17 C. 28 D. 25

- 27 Which of the following activities are generally done, when a child gets ready for school?



Wearing shoes












Eating breakfast



Brushing teeth

D. All of these

- 28 Aarohi has      . She gave   to her brother. There are  left with her.

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

- 29 Smriti has a kite having some numbers written on it. The number name for the greatest number written on the kite is _____.

A. Ninety B. Seventy nine
C. Thirty one D. Twenty four



SPACE FOR ROUGH WORK

- 30 The weight of Aastha's doll is equal to 10 marbles. What will be the weight of two such dolls?

A. 5 marbles B. 2 marbles C. 20 marbles D. 10 marbles

ACHIEVERS SECTION

- 31 Match the objects given in Column-P with their correct subtraction sentence given in Column-Q and select the **CORRECT** option.

Column-P

Column-Q



(1) $3 - 1 = 2$



(2) $4 - 2 = 2$



(3) $5 - 2 = 3$



(4) $6 - 3 = 3$

- | | (p) | (q) | (r) | (s) |
|----|-----|-----|-----|-----|
| A. | (2) | (1) | (3) | (4) |
| B. | (3) | (1) | (4) | (2) |
| C. | (3) | (4) | (2) | (1) |
| D. | (1) | (2) | (4) | (3) |

- 32 Amit has the following amount of money.



He bought a packet of pencils of ₹ 32 and a packet of crayons of ₹ 43. How much amount is left with him?

- A. ₹ 22 B. ₹ 32 C. ₹ 25 D. ₹ 30

- 33 Select the **INCORRECT** option.

- A. The month that comes just before August is July.
 B. The total number of days in 3 weeks is 21.
 C. There are 366 days in a non-leap year.
 D. When the sun rises, it is morning.

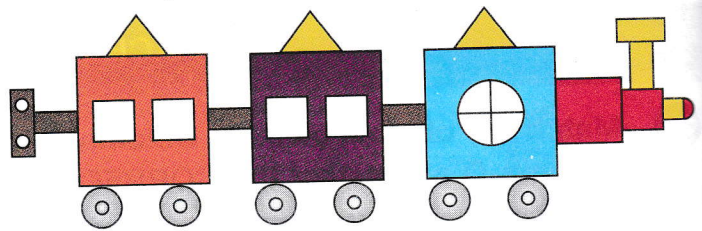
SPACE FOR ROUGH WORK























34 Observe the given picture carefully and state T for true and F for false.

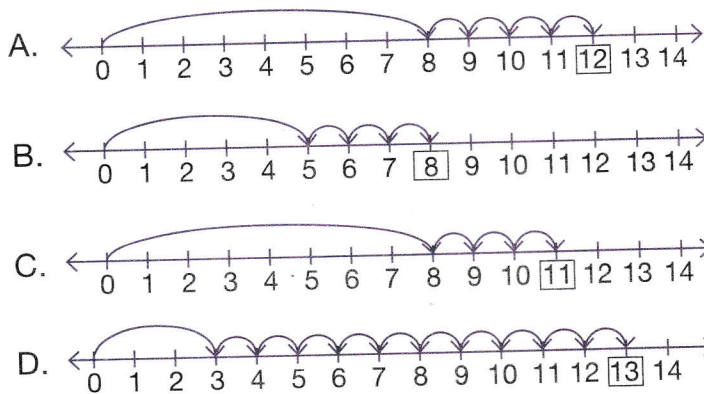
(p) There are 8 rectangles in the given picture.

(q) There are 4 less squares than circles in the given picture.

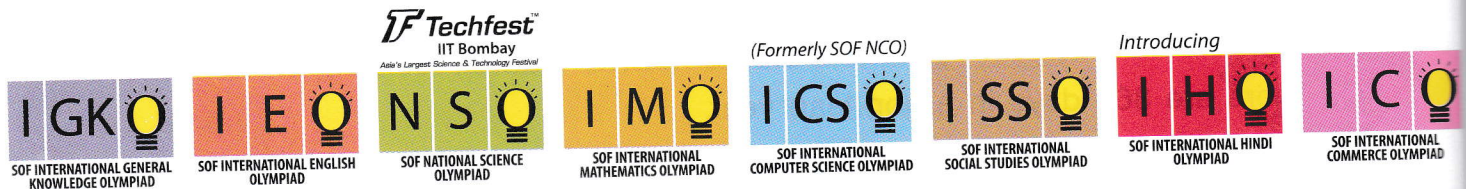
- | (p) | (q) |
|------|-----|
| A. T | T |
| B. T | F |
| C. F | T |
| D. F | F |




35 A basket has                   . Sumit put     in the same basket. Which of the following number lines represents the total number of mangoes in the basket?



SPACE FOR ROUGH WORK



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Head Office: Plot 99, Sector 44 Institutional area, Gurugram -122 003 (HR), India
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