



**SOF INTERNATIONAL
MATHEMATICS OLYMPIAD
2024-25**

CLASS

2

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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Olympiads

- 1 Which of the following items can be bought from the given amount of money?



- A. ₹ 35 B. ₹ 50 C. ₹ 40 D. ₹ 25

- 2 To which group(s) does/do alphabet G belong?

L	M	G
V	S	Y
T	E	A

Group P

W	C	K
H	U	M
B	X	D

Group Q

N	Z	R
D	P	F
Q	G	S

Group R

O	T	Y
E	K	G
I	V	J

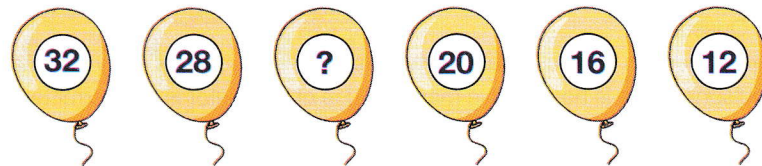
Group S

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

- 3 Which of the following objects can roll but not slide?

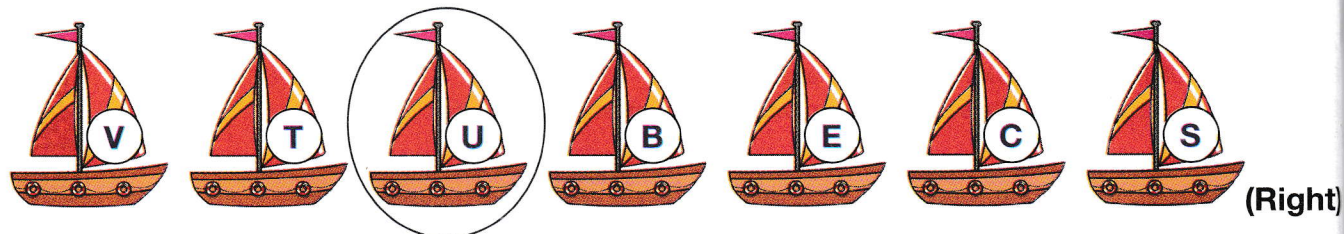
- A. B. C. D. ERASER

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






- A. 26 B. 25 C. 24 D. 22

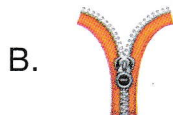
- 5 The position of the encircled boat is _____.



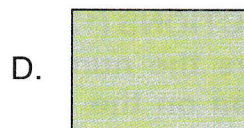
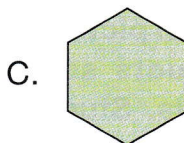
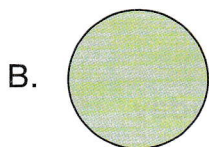
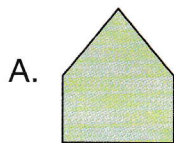
- A. 4th from the left end B. 5th from the right end
C. 3rd from the right end D. 2nd from the left end

SPACE FOR ROUGH WORK

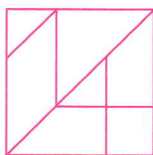
6 If  is related to  in some way, then in the same way  is related to _____.




7 Select the odd one out.



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



9 If 'Head' is called 'Finger', 'Finger' is called 'Hand' and 'Hand' is called 'Eyes', then we wear  on _____.

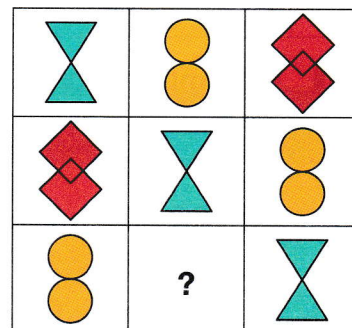
A. Head
C. Eyes

B. Finger
D. Hand

10 Find the missing figure in the given figure matrix.

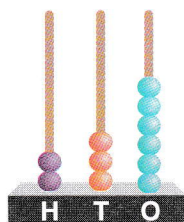
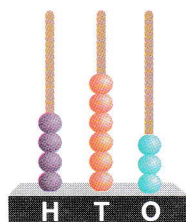


D. Can't say



SPACE FOR ROUGH WORK

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



- A. 699 B. 705 C. 689 D. 599

DIRECTIONS (12-13) : The given pictograph shows the number of bouquets sold by Raman on the given five days. Study the given pictograph carefully and answer the following questions.

- 12 On which day, least number of bouquets were sold?

- A. Wednesday B. Monday
C. Thursday D. Tuesday

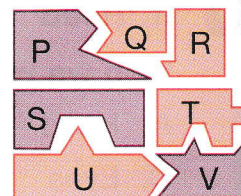
- 13 How many total bouquets were sold on Monday and Wednesday together?

- A. 20 B. 30
C. 28 D. 32

Days	Number of bouquets sold
Monday	
Tuesday	
Wednesday	
Thursday	
Friday	
Each represents 4 bouquets.	

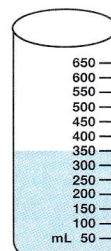
- 14 Shape _____ has the largest number of sides.

- A. T
B. R
C. S
D. P

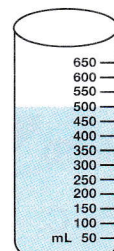


- 15 How much more quantity of water cylinder Y contains than cylinder X?

- A. 200 mL
B. 250 mL
C. 100 mL
D. 150 mL



Cylinder X



Cylinder Y

SPACE FOR ROUGH WORK

- 16 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

- 17 Which set of money is enough to buy the given toy bike?

A.



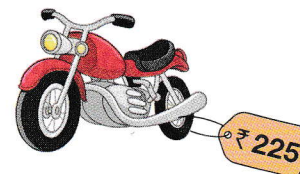
B.



C.



D.



- 18 Which of the following is the LONGEST?

A.



B.



C.



D. Can't say



- 19 Find the missing value.

$$7 \text{ tens } 8 \text{ ones} - ? = 4 \text{ tens } 2 \text{ ones}$$

- A. 4 tens 6 ones B. 3 tens 4 ones C. 3 tens 6 ones D. 4 tens 3 ones

- 20 At 7:45 p.m., the hour hand of the clock will be near to ____.

- A. 6 B. 7 C. 8 D. 9

EVERYDAY MATHEMATICS

- 21 Vansh bought 275 eggs on Saturday. He bought 55 more eggs on Sunday than on Saturday. How many eggs did he buy altogether on both days?

- A. 580 B. 605 C. 595 D. 625

SPACE FOR ROUGH WORK

- 22 Sakshi bought 5 kg apples, 3 kg grapes and 4 kg watermelons from the market. How much total weight of fruits did she buy?
- A. 14 kg B. 15 kg C. 10 kg D. 12 kg

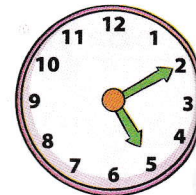
- 23 Manish has the following set of number cards.

3 5 8

Which is the smallest possible 3-digit number that can be formed by using each card only once?

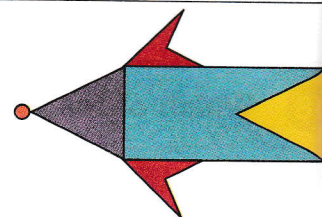
- A. 538 B. 358 C. 338 D. 853

- 24 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

- 25 Pranav drew the given shape in his art notebook. How many total slanting lines did he draw?



- A. 8 B. 7
C. 10 D. 6

- 26 Sakshi has . If she gave 4 pencils to each of her four cousins then how many pencils will be left with her?

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

- 27 The distance between Varun's home and his school is 420 m. If Varun went to his school from his home in the morning and returned in the afternoon, then how much total distance did he cover?

- A. 840 m B. 820 m C. 750 m D. 740 m

- 28 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



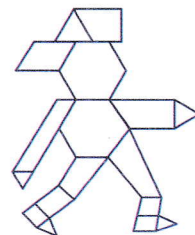
SPACE FOR ROUGH WORK

- 29 Shashank had 141 sheep, 75 hens and 123 cows in his farm. How many total animals he has in his farm?
- A. 385 B. 319 C. 275 D. 339
-
- 30 Three friends collected different number of stones. Ruchi collected 139 stones, Jiya collected 98 stones and Shruti collected 150 stones. Who collected maximum number of stones?
- A. Shruti B. Ruchi
C. Jiya D. Can't say

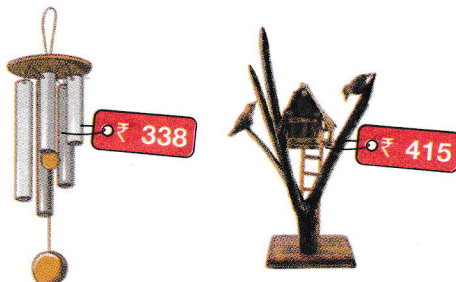
ACHIEVERS SECTION

- 31 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



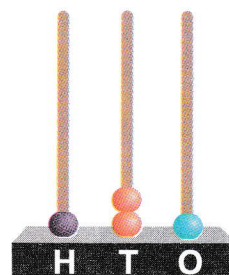
- 32 Rashi gave four ₹ 200 notes to her brother. Her brother bought the following items from the market.



How much money is left with her brother?

- 33 Which of the following options gives the same value as the number shown on the given abacus?






- A. 5 hundreds 3 tens 2 ones – 3 hundreds 2 tens
B. 4 hundreds 6 tens 1 one + 1 hundred 2 tens 3 ones
C. 6 hundreds 7 tens 6 ones – 5 hundreds 5 tens 5 ones
D. None of these




SPACE FOR ROUGH WORK

- 34 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.

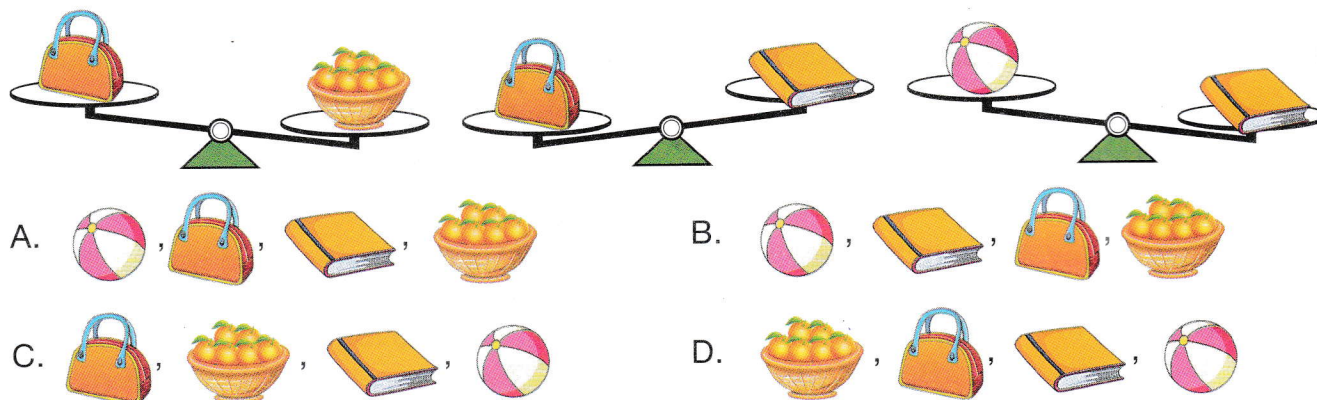
- (p) The difference between the number of electric poles planted at locations P and S is _____.
- (q) If 10 electric poles were shifted from location T to location Q, then the total number of electric poles at location Q is _____.

Locations	Number of electric poles planted
P	
Q	
R	
S	
T	

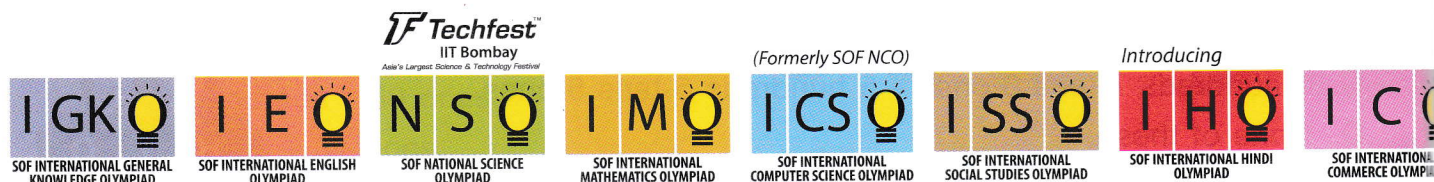
Each  stands for 5 electric poles.


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

- 35 Arrange the given objects in ascending order (as per their weight) and select the CORRECT option.



SPACE FOR ROUGH WORK



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