

DO NOT OPEN THIS BOOKLET UNTIL ASKED TO DO SO

Total Questions: 35 | Time: 1 hr.

Name:	
Section: SOF Olympiad Roll No.: Contact No.:	

Guidelines for the Candidate

- 1. Please check your Name, Class and Section on the OMR sheet provided to you. In case, OMR sheet with your name is missing, please fill in information about yourself in the blank OMR sheet provided before start of exam.
- 2. Please fill in your **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. E.g.

Q.16: Sonia had 80 sweets. She gave 15 sweets to Danish and 15 sweets to Megha. How many sweets are left with her?

A. 50

B. 30

C. 60

D. 40

As the correct answer is option A, you must darken the circle corresponding to option A on the OMR Sheet.

16. • B © D

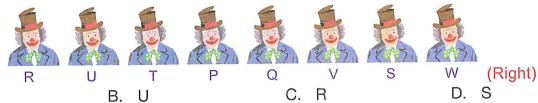
- 7. Rough work should be done in the blank space provided in the booklet.
- 8. Return the OMR Sheet to the invigilator at the end of the exam.
- 9. Please fill in your personal details in the space provided on this page before attempting the paper.



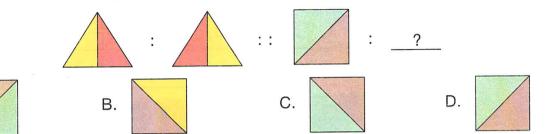
LOGICAL REASONING

1.	Ih	ere are		hor	izontal line	es in the	give	n figure.				
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	В.	7										
	C.		18.4								_	
	D.	None c	of these					~				
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4.	Fin	d the m	issing nun	nber								
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	A.	18		В.	17		C.	15		D.	16	
5.	lf v	esterda\	/ was Wed	dnes	day, then	dav after	ton	norrow wi	ll be		_	
		Friday			Tuesday	,		Monday		D.	Saturday	/
ŝ.	The	ere are _	e	qual	groups of	4 mango	es e	each.				
						F	1			To the second se		
	A.	3		В.	4		C.	5		D.	6	
					CDAC	E COR ROLL		······				

Which joker is 4th to the right of 3rd joker from the left end?



There is a certain relationship between the pair of figures on either side of ::. Identify 8. the relationship of the given pair and find the missing figure.



Which of the following figures is exactly embedded in the given figure as one of its parts?



10. Which of the following is the lightest?

В.



A. P

Α.

A.

В.



MATHEMATICAL REASONING

- 11. Which of the given containers can hold maximum water?
 - A. Vessel
 - B. Jug
 - C. Bottle
 - Can't be determined







3 litres

SPACE FOR ROUGH WORK

12. Read the given clues carefully and identify the number. A. 37 It is a two digit number. • It is less than 40 but more than 35. B. 55 Sum of its digits is 10. C. 46 D. 38 A. 12 B. 33 C. 13 D. 18 14. The given table shows the amount of money saved by three students. Ritik ₹50 Kirti 750 Kiara ₹10 Who saved the maximum amount of money? A. Ritik B. Kiara C. Kirti Can't be determined 15. Room temperature is 5°C less than the temperature shown on -50 the given thermometer. -40 The room temperature is _____. <u>-</u>30 A. 34°C -20 B. 30°C <u></u>10 C. 33°C D. 20°C

B. Circle

Triangle

16. The shape of the shaded face of the given solid is _____.

A. Rectangle

C. Square

Direction (17-18): The given picture graph shows the various types of collection that children prefer. Study the graph carefully and answer the following questions.

- 17. How many children prefer collecting stickers?
 - A. 25

B. 26

C. 20

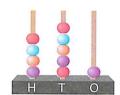
- D. 15
- 18. Which type of collection is the most popular?
 - A. Stamps
- B. Stickers
- C. Seashells
- D. Coins

Stamps	9999999			
Stickers	99999			
Seashells	9999			
Coins	999999			
Fach stands for 4 children				

- 19. Find the value of P.
 - A. 2
 - C. 3

- B. 4
 - D. 1

- 6 5 2 - 2 P 1 4 3 1
- 20. Which of the following options shows the number on the abacus?
 - A. Four hundred fifty one
 - B. Four hundred forty one
 - C. Five hundred forty one
 - D. Five hundred fifty one



EVERYDAY MATHEMATICS

- 21. The weight of a football is 342 g and that of a basketball is 289 g. What is the total weight of football and basketball?
 - A. 674 g
- B. 531 g
- C. 584 g
- D. 631 g
- 22. Vijay has 205 seeds. Aanya has 148 seeds. How many more seeds Vijay have than Aanya?
 - A. 52

B. 58

C. 63

- D. 57
- 23. Karan had some chocolates. He gave 43 chocolates to his wife and was left with 28 chocolates. How many chocolates did Karan have at the beginning?
 - A. 15

B. 78

C. 71

- D. 50
- 24. Sonika had 6 toothpicks of same size. She made a figure using the toothpicks such that it has 4 slanting and 2 standing lines. Which of the following can be her figure?

A



В.



C.



D.



25. 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 above?

- A. One hundred and thirty one
- B. 100 + 20 + 70 + 10 + 1

C. 2 hundreds - 69 ones

- D. 10 tens + 31 ones
- 26. Kavita has 26 marbles. If she kept 4 marbles in each of the given jars, then how many marbles are left with her?



A. 2

B. 0

C. 5

- D. 6
- 27. Avni finished her homework at the time shown here. If she finished her homework in 2 hours 25 minutes, then which clock shows the time at which she started her homework?



Δ



В.



C.



П



- 28. If Tushar is 142 cm taller than the given doll, then what is his height?
 - A. 141 cm
 - B. 152 cm
 - C. 208 cm
 - D. 162 cm

- -12 (cm) -10 -8 -6 -4 -2
- 29. There are 5 apples hanging on one tree. How many apples are there on 7 such trees?
 - A. 35

B. 42

- C. 28
- D. 50

SPACE FOR ROUGH WORK

- 30. Payal scored 54 points in a quiz. Raj scored 14 points more than Payal. The total points scored by Raj and Payal together are
 - A. 99

B. 90

- C. 122
- D. 89

ACHIEVERS SECTION

- 31. The given pictograph shows the number of pens sold in 6 months by a shop. Study it carefully and answer the following questions.
 - (P) How many more pens were sold in August than May?
 - (Q) In which month, the least number of pens were sold?

/ 1	10
(1	ر (

(Q)

A. 12

September

B. 12

May

C. 18

May

D. 18

September

Month	Number of pens
April	
May	
June	
July	
August	000000
September	
	stands for 3 pens.

32. Match the following and select the correct option.

Column-A

Column-B

- 1. 2 hundreds 3 tens 4 tens 6 ones =
- (p) 989

 $2. \quad 389 - 82 - 45 =$

- (q) 110
- 3. Difference between the greatest 3 digit number and smallest 2 digit number is
- (r) 262
- 4. 1 less than 1 hundreds 1 tens 1 ones = (s) 184
- A. $1 \to (q), 2 \to (r), 3 \to (p), 4 \to (s)$
- B. $1 \to (s), 2 \to (r), 3 \to (p), 4 \to (q)$
- C. $1 \to (s), 2 \to (r), 3 \to (q), 4 \to (p)$
- D. $1 \rightarrow$ (r), $2 \rightarrow$ (s), $3 \rightarrow$ (q), $4 \rightarrow$ (p)
- 33. Kartik buys 3 watermelons, 2 pencil boxes and 4 carrots. How much money does he need to pay?



Watermelon



Strawberry



Pencil box



Sketch pen



Mango



Carrot

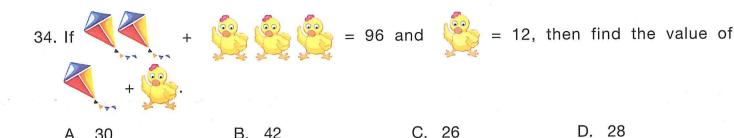
A. ₹178

B. ₹196

C. ₹ 159

D. ₹ 173

SPACE FOR ROUGH WORK



35. Sneha wants to go to the Mall from her home. She can take two routes.

B.

42

Route P : Home \rightarrow Church \rightarrow Fire station \rightarrow Mall

Route Q: Home → Airport → Museum → Mall Which route is shorter and by how much distance?

A. Route P, 4 km

30

B. Route Q, 4 km

C. Route P, 3 km

Route Q, 3 km



SPACE FOR ROUGH WORK



















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