



GUIDELINES FOR THE CANDIDATE

Total Questions : 35 | Time: 1 hr.

- 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.



- 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.

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9. Please fill in your personal details in the space provided on this page before attempting the paper.

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

1. Arrange the alphabets given below in a meaningful word and identify the category of the word.





Ν

6. Arrange the following from the lightest to the heaviest.



7. How many circles are there in the given figure?



11. Payal is making a calendar as shown. How many Saturdays will be there in the month shown?

D. 6

		N	over	nber	· 20>	(X	
	Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1	2	3	4	5	6
	7	8	9	10	11	12	13
В.	4				C.	5	



- 13. Raj is thinking of a 3-digit number. Read the given clues carefully and find which of the following numbers definitely could not be the number he is thinking of ?
 - All three digits are different.
 - All three digits are greater than 5.
 - A. 689 B. 987 C. 989 D. 789
- 14. Arrange the following measurements in ascending order.



- 15. What would be the total cost of 6 such dolls and 4 such robots?
 - A. ₹250
 - B. ₹230
 - C. ₹125
 - D. ₹200



16. What is the weight of 1 watermelon in the given figure?



10.	1 11 10			, -						
	Α.	3		В.	4	C.	1	D.	2	
19.	Find	dP×(ຊ.							
	Α.	7								39P5
	B.	6								- Q 8 4 9
	C.	3								2116
	D.	9								
20.	Wh	at is th	ie missin	g num	ber in the box	(?				
			?		Divide by 6	Add	4 Multip	ly by 12 =	204	
	A.	52		В.	80	C.	82	D.	78	
					EVERY		HEMATIC	S		
								0		
21.	The	ere are	152 peo	ople in	a party. One-	fourth of	them are m	ales. How	/ manv	females ar
21.	The the	ere are re in th	152 peo le party?	ple in	a party. One-	fourth of	them are m	nales. How	/ many	females ar
21.	The the A.	ere are re in th 114	152 peo ne party?	ple in B.	a party. One- 124	fourth of C.	them are m 92	nales. How D.	v many 38	females ar
21.	The the A.	ere are re in th 114	152 peo le party?	pple in B.	a party. One- 124	fourth of C.	them are m 92	nales. How D.	v many 38	females ar
21.	The the A. A ra	ere are re in th 114 abbit ju	152 peo le party? umps on s sixteen	pple in B. every	a party. One- 124 third stone. F	fourth of C. Find the r	them are m 92 umber of th	nales. How D. he stone o	v many 38 on whic	females ar
21.	The the A. A ra land	ere are re in th 114 abbit ju ds in it 60 th	152 peo ne party? umps on s sixteen	pple in B. every ith jum B.	a party. One- 124 third stone. F p. 44 th	fourth of C. Find the r C.	them are m 92 umber of th 48 th	nales. How D. he stone o D.	v many 38 on whic 36 th	females ar
21.	The the A. A ra land A.	ere are re in th 114 abbit ju ds in it 60 th	152 peo le party? umps on s sixteen	pple in B. every th jum B.	a party. One- 124 third stone. F p. 44 th	fourth of C. Find the r C.	them are m 92 umber of th 48 th	nales. How D. he stone o D.	v many 38 on whic 36 th	females ar
21. 22. 23.	The the A. A ra land A. Kar	ere are re in th 114 abbit ju ds in it 60 th an drir	152 peo ne party? umps on s sixteen	ople in B. every oth jum B.	a party. One- 124 third stone. F p. 44 th	fourth of C. Find the r C. yday. Rah	them are m 92 umber of th 48 th ul drinks 92	nales. How D. he stone o D. 25 mL of i	v many 38 on whic 36 th milk ev	females ar
21. 22. 23.	The the A. A ra land A. Kar mud	ere are re in th 114 abbit ju ds in it 60 th an drir ch milk	152 peo ne party? umps on s sixteen nks 2 L t c do they	pple in B. every oth jum B. 500 mL both o	a party. One- 124 third stone. F p. 44 th of milk ever drink per day?	fourth of C. Find the r C. yday. Rah	them are m 92 umber of th 48 th ul drinks 92	nales. How D. he stone o D. 25 mL of r	v many 38 on whic 36 th milk ev	females ar th the rabb
21. 22. 23.	The the A. A ra land A. Kar mud A.	ere are re in th 114 abbit ju ds in it 60 th an drir ch milk 4225	152 peo ne party? umps on s sixteen nks 2 L 5 do they mL	ople in B. every oth jum B. 500 mL both o B.	a party. One- 124 third stone. F p. 44 th of milk ever drink per day? 3 L 225 mL	fourth of C. Find the r C. yday. Rah ? C.	them are m 92 umber of th 48 th ul drinks 92 2 L 225 ml	nales. How D. he stone o D. 25 mL of n L D.	v many 38 on whic 36 th milk ev 3 L 4	females ar ch the rabb eryday. How 25 mL
21. 22. 23. 24.	The the A. A ra land A. Kar mud A.	ere are re in th 114 abbit ju ds in it 60 th an drir ch milk 4225	152 peo le party? umps on s sixteen nks 2 L 5 do they mL	pple in B. every oth jum B. 500 mL both o B. and hi	a party. One- 124 third stone. F p. 44 th of milk ever drink per day? 3 L 225 mL	fourth of C. Find the r C. yday. Rah C. times as	them are m 92 umber of th 48 th ul drinks 92 2 L 225 ml old as he is	hales. How D. he stone o D. 25 mL of r L D.	v many 38 on whic 36 th milk ev 3 L 4 her is 6	females ar ch the rabb eryday. How 25 mL
21. 22. 23. 24.	The their A. A ra land A. Kar mud A. Atu thai	ere are re in th 114 abbit ju ds in it 60 th an drir ch milk 4225 I is 8 y n his m	152 peo ne party? umps on s sixteen nks 2 L 5 do they mL rears old nother, th	pple in B. every oth jum B. 500 mL both o B. and hi nen hov	a party. One- 124 third stone. F p. 44 th of milk ever drink per day? 3 L 225 mL is mother is 4 w old is his fa	fourth of C. Find the r C. yday. Rah ? C. times as ther?	them are m 92 umber of th 48 th ul drinks 92 2 L 225 ml old as he is	nales. How D. he stone o D. 25 mL of r L D. 5. If his fat	v many 38 on whic 36 th milk ev 3 L 4 her is 6	females ar ch the rabb eryday. How 25 mL 6 years olde
21. 22. 23. 23.	The their A. A ra land A. Kar mud A. Atu thai A.	ere are re in th 114 abbit ju ds in it 60 th an drir ch milk 4225 I is 8 y n his m 33 yea	152 peo ne party? umps on s sixteen nks 2 L 5 do they mL rears old nother, th ars	pple in B. every oth jum B. 500 mL both o B. and hi ben how B.	a party. One- 124 third stone. F p. 44 th of milk ever drink per day? 3 L 225 mL is mother is 4 w old is his fa 38 years	fourth of C. Find the r C. yday. Rah ? C. times as ther? C.	them are m 92 humber of th 48 th ul drinks 92 2 L 225 m old as he is 30 years	nales. How D. he stone o D. 25 mL of r L D. s. If his fat D.	v many 38 on whic 36 th milk ev 3 L 4 her is 6 27 ye	females ar ch the rabb eryday. How 25 mL 6 years olde ars
21. 22. 23. 24.	The their A. A ra land A. Kar mud A. Atu thair A.	ere are re in th 114 abbit ju ds in it 60 th an drir ch milk 4225 I is 8 y n his m 33 yea	152 peo ne party? umps on s sixteen nks 2 L 5 do they mL rears old nother, th ars	pple in B. every oth jum B. 500 mL both o B. and hi ben how B.	a party. One- 124 third stone. F p. 44 th of milk every drink per day? 3 L 225 mL is mother is 4 w old is his fa 38 years	fourth of C. Find the r C. yday. Rah ? C. times as ther? C.	them are m 92 humber of th 48 th ul drinks 92 2 L 225 m old as he is 30 years	nales. How D. he stone o D. 25 mL of r L D. 5. If his fat D.	v many 38 on whic 36 th milk ev 3 L 4 her is 6 27 ye	females ar ch the rabb eryday. How 25 mL 6 years olde ars
21. 22. 23. 24. 25.	The their A. A ra land A. Kar mud A. Atu thair A.	ere are re in th 114 abbit ju ds in it 60 th an drin ch milk 4225 I is 8 y an his m 33 yea vashing chine.	152 peo ne party? umps on s sixteen nks 2 L & do they mL rears old nother, th ars g machine How muc	ople in B. every oth jum B. 500 mL both o B. and hi nen how B. e costs ch do l	a party. One- 124 third stone. F p. 44 th - of milk every drink per day? 3 L 225 mL is mother is 4 w old is his fa 38 years s ₹ 2999 and both items co	fourth of C. Find the r C. yday. Rah C. times as ther? C. a microwa st altoget	them are m 92 umber of th 48 th ul drinks 92 2 L 225 ml old as he is 30 years ave costs ₹ ner?	nales. How D. he stone o D. 25 mL of r L D. s. If his fat D. 1430 mor	v many 38 on whic 36 th milk ev 3 L 4 her is 6 27 ye	females ar ch the rabb eryday. How 25 mL 6 years olde ars the washin

A. 56 B. 65 C. 50 D. 52

27. Ritvik wants to purchase some toys. He has ₹ 145. Which three toys can he buy?



28. A bakery sold 180 muffins, 65 pastries and 1432 cookies in a day. How many total items were sold on that day?

- 29. Komal will be 32 years old on her birthday in 2020. How old was she on her birthday in the year 2005?A. 18 yearsB. 14 yearsC. 16 yearsD. 17 years
- 30. If 85 poles were erected in 1 row, then how many poles will be erected in 21 such rows?A. 1785B. 1587C. 1875D. 1857

ACHIEVERS SECTION

31. The map (not drawn to scale) shows 4 different ways of going from Home to Market. The shortest way of going from Home to Market is through Town ____.





34. The given graph shows the number of candies 5 students have.



35. Match the figures given in Column-A with their unshaded fractions given in Column-B. Column-A Column-B

