

Exam ID: 108			
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Name:			
Date:			

Exam Instructions

- 1. The timer has been set for the exam, and a countdown will display the remaining time. When the timer runs out, the exam will end automatically. No further action will be required after that.
- 2. You can flag any question that you want.
- 3. If you don't want to submit any of your provided answers, you can clear them.
- 4. If you choose to drop this exam, it will not be submitted, and no result will be generated.
- 5. Once you finish the exam, you cannot resume it.

Secure Exam Advice

This exam is specially secured. Which means you cannot leave your browser window once the exam starts.

The following actions are not supported during your exam.

- · Minimizing the browser
- · Resizing the browser
- · Open a new tab
- Open a new program
- Taking a screenshot
- Pressing Ctrl + C
- Pressing Ctrl + V
- Pressing Print Screen
- Pressing F12

We are monitoring your activity during the exam, and any unusual behaviour is being tracked. Your admin has set the exam to terminate if a certain number of unusual activities are detected, which could be as low as one. To avoid your exam from being terminated, please refrain from any behaviour that may be considered unusual. All the best!

Question: 1 of 50	QID: 387	Marks: 4
Nakul runs around a triangular park with sides	s 80m, 112m and 135m three times daily. Find the distance that he r	uns daily.
Please mark (✓) for the correct answer.		
A. 981	B. 982	
○ C. 983.	D. 980	

Page 1 of 15 Print ID: 202422416426511

Question: 2 of 50	QID: 360		Marks: 4
We all love to apples. 1/4th of an apple is wa	ter. How much water is there in	an apple weighing 72 g?	
Please mark (✓) for the correct answer.			
A 17 g	О В.	18 g	
○ C. 20 g	○ D.	19 g	
Question: 3 of 50	QID: 378		Marks: 4
Value of 6 X 99 is equal to-			
Please mark (✓) for the correct answer.			
A 600-1	О В.	600-60	
C. 6-600	○ D.	600-6	
Question: 4 of 50	QID: 373		Marks: 4
Which of the following is a 3D figure?			
Please mark (✓) for the correct answer.			
A. Rectangle	О В.	Circle	
C. Cuboid	○ D.	Triangle	
Question: 5 of 50	QID: 375		Marks: 4
There are 56 students in a class and 6888 b	locks. If the blocks are divided e	qually among the students, ho	ow many will each student get?
Please mark (✓) for the correct answer.			
A 132	○ В.	112	
○ C . 123	○ D.	122	
Question: 6 of 50	QID: 384		Marks: 4
The sum of two fractions is 4/5. If one fraction	n is 2/15, what is the other fracti	on?	
Please mark (✓) for the correct answer.			
A 4/15	○ В.	15/10	
C. 10/5			

Page 2 of 15 Print ID: 202422416426511

Qu	estion: 7 of 50	QID: 380	Marks: 4
Wł	nich of these sets of coins has the maxin	mum value?	
Ple	ase mark (\checkmark) for the correct answer.		
\subset	A. 8 two rupee coins	B. 10 one rupee coins	
<u> </u>	C. 100 five rupee coins	D. 5 twenty five paise of	pins
Qu	estion: 8 of 50	QID: 386	Marks: 4
Co	mplete the pattern: 34, 45, 56, 67,		
Ple	ase mark (✓) for the correct answer.		
\mathbb{C}	A 78, 88	B. 89,90	
) C. 78,98	D. 78, 89	
Qu	estion: 9 of 50	QID: 353	Marks: 4
Th	e given table shows the weight of 4 chil	dren.	
	Children	Weight (in kg)	
	Atul	24.65	
	Karan	24.65	
	Parth	24.59	
	Sagar	22.48	
Ple	ase mark (✓) for the correct answer.		
\subset	A. Parth, Atul, Karan, Sagar	B. Sagar, Karan, Parth,	Atul
$\overline{}$	C. Atul, Parth, Sagar, Karan	D. Atul, Parth, Karan, S	agar
Qu	estion: 10 of 50	QID: 367	Marks: 4
		aws. They had 324 straws. If they made squares out of the	nem, the number of squares formed
wil	whu and his friends were playing with str be ase mark (✓) for the correct answer.	aws. They had 324 straws. If they made squares out of the	nem, the number of squares formed
wil	be	aws. They had 324 straws. If they made squares out of the	nem, the number of squares formed

Page 3 of 15 Print ID: 202422416426511

Question: 11 of 50	QID: 357		Marks: 4
If the side of a square is doubled, then the perimeter-			
Please mark (✓) for the correct answer.			
A. Also gets doubled	○ В.	Reduces by half	
C. Becomes 8 times the original perimeter	D .	Remains the same	
Question: 12 of 50	QID: 364		Marks: 4
Aryan wants to reach a height of 2metres. He will reach it	if he grows 0.5 met	res more. His height now is?	
Please mark (✓) for the correct answer.			
A 2.5 metres	○ В.	None of the above	
C. 1 metre	O.	1.5 metres	
Question: 13 of 50	QID: 372		Marks: 4
Which of the following is a leap year? 1899, 1945, 2301, 1	1982		
Please mark (✓) for the correct answer.			
A 1899	○ В.	2301	
C. 1982	D .	1945	
Question: 14 of 50	QID: 392		Marks: 4
Complete the pattern: 120, 122, 126, 132,,			
Please mark (✓) for the correct answer.			
A 200, 210	○ В.	142, 150	
C. 140, 150	○ D.	190, 200	

Print ID: 202422416426511 Page 4 of 15

C. 140, 150

Page 5 of 15 Print ID: 202422416426511

Question: 18 of 50	QID: 351		Marks: 4
Sakshi bought apples for Rs. 128.50, oranges f left with her?	or Rs. 78.50 and graped for	Rs. 210.75. If she had Rs. 900 initia	ally, how much money is
Please mark (✓) for the correct answer.			
A Rs. 482.45	○ В.	Rs. 482.35	
C. Rs. 482.15	○ D.	Rs. 482.25	
Question: 19 of 50	QID: 369		Marks: 4
What is the roman numeral for 26?			
Please mark (✓) for the correct answer.			
O A XXIV	О В.	XXVI	
○ C. XX6	○ D.	XXXV	
Question: 20 of 50	QID: 348		Marks: 4
25% of 30 kg is-			
Please mark (✓) for the correct answer.			
A 7.5 kg	О В.	7 kg	
○ C . 6 kg	○ D.	6.5 kg	
Question: 21 of 50	QID: 347		Marks: 4
Add: 64 kg 816 g + 36 kg 691 g			
Please mark (✓) for the correct answer.			
A 102 kg 507 g	О В.	101 kg 500 g	
C. 101 kg 507 g	O.	100 kg 507 g	
Question: 22 of 50	QID: 390		Marks: 4
Parul has a story book of 72 pages. If she takes book?	s 2 minutes 15 seconds to rea	ad a page, then how long will she ta	ake to read the complete
Please mark (✓) for the correct answer.			
A 2 hours 45 minutes	О В.	3 hours 12 minutes	
C. 2 hours 24 minutes	O.	2 hours 42 minutes	

Page 6 of 15 Print ID: 202422416426511

Question: 23 of 50	QID: 355		Marks: 4
In a multi-storeyed building, 1/6 of the 546 resid	ents watch the sports channe	el. Find the number of people w	ho do not watch this channel.
Please mark (✓) for the correct answer.			
A 380	О В.	544	
C. 455	O D.	436	
Question: 24 of 50	QID: 368		Marks: 4
The train fare from Delhi to Amritsar for 10 person	ons is Rs. 1850. What is the	fare for 25 persons?	
Please mark (✓) for the correct answer.			
A Rs. 4625	О В.	Rs. 462500	
C. Rs. 18500	O D.	Rs. 2500	
Question: 25 of 50	QID: 345		Marks: 4
Nina's father left for Kolkata on 18th July and refincluded. Please mark (\(\sigma \) for the correct answer.	turned on 25th July. How mai	ny days did he stay there? (18tl	h July and 25th july are not
A. 6 days	() В.	8 days	
C. 5 days	<u> </u>	7 days	
Question: 26 of 50	QID: 393		Marks: 4
The difference between the largest 6-digit numb	er and the smallest 6-digit no	umber is?	
Please mark (✓) for the correct answer.			
A. 100000	О В.	899999	
C. 999999	○ D.	120000	
Question: 27 of 50	QID: 346		Marks: 4
5 friends bought a gift for Rs. 1375.50. How muc	ch did each person contribute	e if they all contributed the sam	e amount of money?
Please mark (✓) for the correct answer.			
A. Rs. 265.10	○ В.	Rs. 285.10	
C. Rs. 275.20	D.	Rs. 275.10	

Page 7 of 15 Print ID: 202422416426511

Question: 28 of 50	QID: 374		Marks: 4
Mohit has five number cards with numbers Find the number Mohit has to form, if the re		to form the greatest 5-digit even number with his o	cards.
Please mark (✓) for the correct answer.			
A 97520	○ В.	75902	
C. 27509	○ D.	97502	
Question: 29 of 50	QID: 363		Marks: 4
is equivalent to ten la	khs in international system of nume	eration.	
Please mark (✓) for the correct answer.			
A Ten million	○ В.	Hundred Thousand	
C. Ten thousand	○ D.	One million	
Question: 30 of 50	QID: 382		Marks: 4
Dinesh reads 2/9 of a book in the morning	and 4/9 of the same book in the ev	vening. How much does he read altogether?	
Please mark (✓) for the correct answer.			
A 7/9	○ В.	8/3	
C. 2/3	D .	2/4	
Question: 31 of 50	QID: 350		Marks: 4
Convert 22 I 10 ml into millilitres.			
Please mark (✓) for the correct answer.			
○ A. 22010 ml	○ В.	2210 ml	
○ C. 22100 ml	O D.	2211 ml	

Page 8 of 15 Print ID: 202422416426511

Page 9 of 15 Print ID: 202422416426511

	QID: 389		Marks: 4
A circle always has centre(s).			
Please mark (✓) for the correct answer.			
A. Three		One	
C. Two	<u> </u>	Infinite	
Question: 36 of 50	QID: 371		Marks: 4
12685 books were bought for the primary sec senior section of the school library. What were			698 books were bought for
Please mark (✓) for the correct answer.			
A 42130	○ В.	42193	
C. 42173	○ D.	42163	
Question: 37 of 50	QID: 394		Marks: 4
Ram's toothbrush is 14.5 cm long and Shyam toothbrush? Please mark () for the correct answer.	's toothbrush is 12.8 cm long. I	How much longer is Ram's to	oothbrush than Shyam's
○ A. 1.7 cm	О в.	1.6 cm	
A. 1.7 cmC. 1.5 cm		1.6 cm 1.9 cm	
			Marks: 4
C. 1.5 cm	QID: 366	1.9 cm	
C. 1.5 cm Question: 38 of 50	QID: 366	1.9 cm	
C. 1.5 cm Question: 38 of 50 Raman started walking towards his home at 1	QID: 366	1.9 cm pm. How long did it take him	
Question: 38 of 50 Raman started walking towards his home at 1 Please mark () for the correct answer.	QID: 366 1:30 am and reached at 12:05	1.9 cm pm. How long did it take him 20 minutes	
Question: 38 of 50 Raman started walking towards his home at 1 Please mark () for the correct answer. A 35 minutes	QID: 366 1:30 am and reached at 12:05 B.	1.9 cm pm. How long did it take him 20 minutes	
Question: 38 of 50 Raman started walking towards his home at 1 Please mark (✓) for the correct answer. A. 35 minutes C. 25 minutes	D. QID: 366 1:30 am and reached at 12:05 B. D.	1.9 cm pm. How long did it take him 20 minutes	to reach home?
Question: 38 of 50 Raman started walking towards his home at 1 Please mark (/) for the correct answer. A. 35 minutes C. 25 minutes Question: 39 of 50	D. QID: 366 1:30 am and reached at 12:05 B. D.	1.9 cm pm. How long did it take him 20 minutes	to reach home?
Question: 38 of 50 Raman started walking towards his home at 1 Please mark () for the correct answer. A. 35 minutes C. 25 minutes Question: 39 of 50 How many Rs. 200 notes can make Rs. 60007	D. QID: 366 1:30 am and reached at 12:05 B. D.	1.9 cm pm. How long did it take him 20 minutes	to reach home?

Page 10 of 15 Print ID: 202422416426511

Question: 40 of 50	QID: 359		Marks: 4
My father got 3.7 litres of petrol filled in his capump?	ar. The price of petrol per litre is	Rs. 21. How much money did m	ny father pay at the petrol
Please mark (✓) for the correct answer.			
A Rs. 79.40	О В.	Rs. 65.50	
C. Rs. 67.60	○ D.	Rs. 77.70	
Question: 41 of 50	QID: 391		Marks: 4
Meena spends Rs. 785 on train fare, Rs. 245	.50 in buying gifts and Rs. 528.	50 in buying a sweater. How mu	ch did she spend in total?
Please mark (✓) for the correct answer.			
A 1559	О В.	1557	
C. 1558	D .	None of the above	
Question: 42 of 50	QID: 365		Marks: 4
4320 divided by 9 =			
Please mark (✓) for the correct answer.			
A 485	() В.	490	
C. 480	O D.	408	
Question: 43 of 50	QID: 349		Marks: 4
Find the radius of a circle whose diameter is a	200 cm.		
Please mark (✓) for the correct answer.			
A. 200 cm	() В.	100 cm	
C. 50 cm	O D.	400 cm	
Question: 44 of 50	QID: 361		Marks: 4
Sam typed 25 lines in one page. If there are 3	375 lines to be typed, then the r	number of pages that he will nee	d is?
Please mark (✓) for the correct answer.			
O	O -	00	
() A . 25	() B.	20	

Page 11 of 15 Print ID: 202422416426511

Page 12 of 15 Print ID: 202422416426511

Question: 48 of 50	QID: 381	Marks: 4
Shanu bought 8 burgers for his party. At the end	of the party, 3 burgers were	e left. What fraction of the hamburgers were eaten?
Please mark (✓) for the correct answer.		
A. 1/8	○ В.	1
○ C. 3/8	O.	5/8
Question: 49 of 50	QID: 356	Marks: 4
A cricket match started at 8:35 am and got over b	oy 11:45 am. What was the t	otal duration of the match?
Please mark (✓) for the correct answer.		
A 4 hours 10 minutes	○ B.	3 hours 10 minutes
C. None of the above	○ D.	3 hours 5 minutes
Question: 50 of 50	QID: 379	Marks: 4
If a car travels 462 km in a month, then the total d	distance travelled by the car	in a year is
Please mark (✓) for the correct answer.		
A 5555 km	○ В.	5504 km
C. 5544 km	○ D.	5445 km

--- END OF QUESTION PAPER ---

Page 13 of 15 Print ID: 202422416426511

National Level ScienceX Olympiads ScienceX Mathematics Olympiad | Level 1

Answer Key

No	Question Type	QID	Correct Answer
Question - 1	Multiple Choice (Radiobutton)	387	A
Question - 2	Multiple Choice (Radiobutton)	360	В
Question - 3	Multiple Choice (Radiobutton)	378	D
Question - 4	Multiple Choice (Radiobutton)	373	С
Question - 5	Multiple Choice (Radiobutton)	375	С
Question - 6	Multiple Choice (Radiobutton)	384	D
Question - 7	Multiple Choice (Radiobutton)	380	A
Question - 8	Multiple Choice (Radiobutton)	386	D
Question - 9	Multiple Choice (Radiobutton)	353	D
Question - 10	Multiple Choice (Radiobutton)	367	D
Question - 11	Multiple Choice (Radiobutton)	357	A
Question - 12	Multiple Choice (Radiobutton)	364	D
Question - 13	Multiple Choice (Radiobutton)	372	С
Question - 14	Multiple Choice (Radiobutton)	392	С
Question - 15	Multiple Choice (Radiobutton)	352	С
Question - 16	Multiple Choice (Radiobutton)	388	A
Question - 17	Multiple Choice (Radiobutton)	358	В
Question - 18	Multiple Choice (Radiobutton)	351	D
Question - 19	Multiple Choice (Radiobutton)	369	В
Question - 20	Multiple Choice (Radiobutton)	348	A
Question - 21	Multiple Choice (Radiobutton)	347	С
Question - 22	Multiple Choice (Radiobutton)	390	D
Question - 23	Multiple Choice (Radiobutton)	355	С
Question - 24	Multiple Choice (Radiobutton)	368	A
Question - 25	Multiple Choice (Radiobutton)	345	A
Question - 26	Multiple Choice (Radiobutton)	393	В
Question - 27	Multiple Choice (Radiobutton)	346	D
Question - 28	Multiple Choice (Radiobutton)	374	A
Question - 29	Multiple Choice (Radiobutton)	363	D
Question - 30	Multiple Choice (Radiobutton)	382	С
Question - 31	Multiple Choice (Radiobutton)	350	A
Question - 32	Multiple Choice (Radiobutton)	354	D
Question - 33	Multiple Choice (Radiobutton)	385	С
Question - 34	Multiple Choice (Radiobutton)	377	D
Question - 35	Multiple Choice (Radiobutton)	389	В
Question - 36	Multiple Choice (Radiobutton)	371	С
Question - 37	Multiple Choice (Radiobutton)	394	A
Question - 38	Multiple Choice (Radiobutton)	366	A
Question - 39	Multiple Choice (Radiobutton)	383	D
Question - 40	Multiple Choice (Radiobutton)	359	D
Question - 41	Multiple Choice (Radiobutton)	391	A
Question - 42	Multiple Choice (Radiobutton)	365	С

Page 14 of 15 Print ID: 202422416426511

No	Question Type	QID	Correct Answer
Question - 43	Multiple Choice (Radiobutton)	349	В
Question - 44	Multiple Choice (Radiobutton)	361	D
Question - 45	Multiple Choice (Radiobutton)	370	С
Question - 46	Multiple Choice (Radiobutton)	362	D
Question - 47	Multiple Choice (Radiobutton)	376	В
Question - 48	Multiple Choice (Radiobutton)	381	D
Question - 49	Multiple Choice (Radiobutton)	356	В
Question - 50	Multiple Choice (Radiobutton)	379	С

--- END OF ANSWER KEY---

Page 15 of 15 Print ID: 202422416426511