



Certificate of Participation

This certificate is awarded to AYAAN GOEL

Class 08 Roll no. DL016808006

student of G.D. GOENKA PUBLIC SCHOOL

SECTOR-B, POCKET 8 & 9, VASANT KUNJ

NEW DELHI, DELHI

He/She participated in SOF International Mathematics Olympiad conducted during

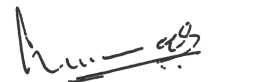
November 2021 - February 2022 & secured International Rank 960

Regional Rank 594 Zonal Rank 180 & School Rank 2

He/She is also awarded a Gold Medal of Excellence for Performance Excellence at the School level.

New Delhi | Gurugram
April, 2022


Mahabir Singh
Founder Director


Dr. Narindra Virmani
Chairman



SPR

**STUDENT PERFORMANCE REPORT
2021-22**

**An Indepth Analysis of
Student's Subject Knowledge**

School Code: DL0168 Class: 08

Roll No.: DL016808006

Student's Name: AYAAN GOEL

School Name : G.D. GOENKA PUBLIC SCHOOL
NEW DELHI, DELHI



SOF INTERNATIONAL MATHEMATICS OLYMPIAD



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Dear Parents,

STUDENT PERFORMANCE REPORT- SOF IMO – 2021-22

Congratulations on your child's participation in the **SOF International Mathematics Olympiad** conducted during November 2021 - February 2022. The SOF IMO is conducted annually by SOF, organizer of the World's Biggest Olympiad Exams.

Please find enclosed the Student Performance Report (S.P.R.) of your ward for SOF IMO.

This Performance Report provides the following analysis:

- It details the performance of the student in SOF International Mathematics Olympiad and provides question wise answers given by the student.
- It identifies the "LEARNING GAPS" of the student in Mathematics and shares topics/areas in which the student needs to improve domain knowledge / subject understanding.
- It compares the student's performance with peer group of students to assist in understanding her/his subject knowledge vis-à-vis other students across the school/city/state/globe and identifies topics/areas requiring focussed efforts.
- It traces the performance of the student over the past several years (during which the student has appeared in SOF Olympiads) and highlights progress made versus his/her peer group.

I wish you and your child all the best and pray that you utilize your energies and time in consonance with your mission and achieve academic success.

With Best Wishes,
Mahabir Singh
Founder Director

CURRENT YEAR'S PERFORMANCE

I.M.O. 2021-22

Roll No : DL016808006	REGION : NORTH
SCHOOL : G.D. GOENKA PUBLIC SCHOOL NAME	ZONE : DELHI ZONE
CITY : NEW DELHI	COUNTRY : INDIA
STATE : DELHI	

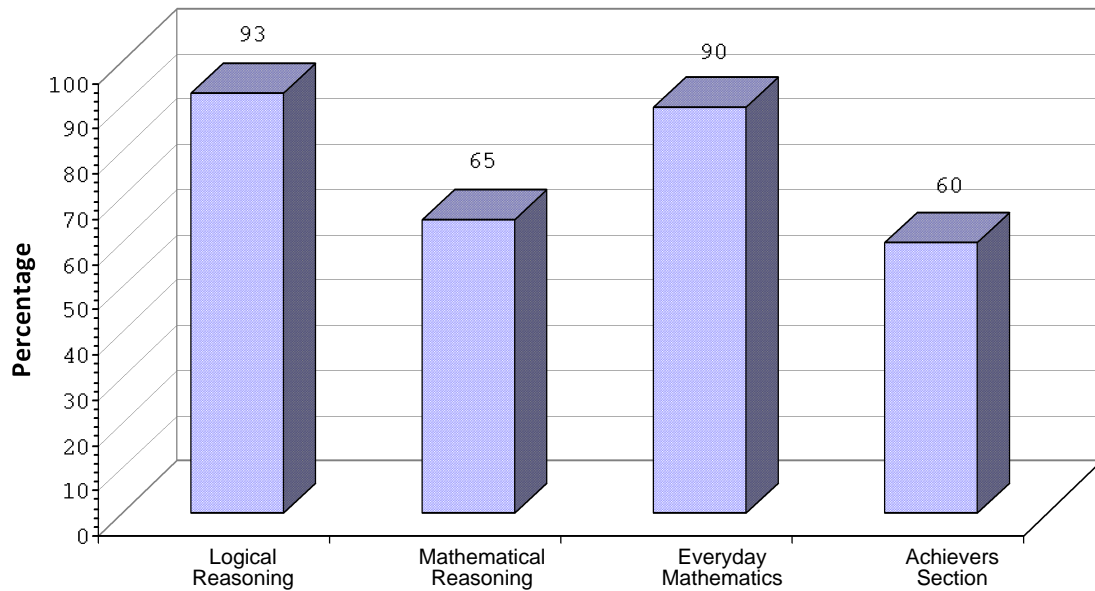
Award Won : Gold Medal of Excellence
Participation Certificate and Student Performance Report

❖ Maximum Marks :	60
❖ Marks Scored :	45
❖ Percentile Score :	90.20
❖ School Rank :	2
❖ City Rank :	179
❖ Zonal Rank :	180
❖ Regional Rank :	594
❖ International Rank :	960

MARKS COMPARISON

❖ Marks Scored by You :	45
❖ Highest Marks Scored in Your Class :	51
❖ Highest Marks Scored in Your City :	60
❖ Highest Marks Scored in Your Zone :	60
❖ Highest Marks Scored in Your Region :	60
❖ Highest Marks Scored Internationally :	60

S.NO.	SECTION NAME	TOTAL MARKS (In Section)	MARKS SCORED (In Section)	PERCENTAGE	GRADE	DESCRIPTION
1.	Logical Reasoning	15	14	93	A+	OUTSTANDING
2.	Mathematical Reasoning	20	13	65	B	GOOD
3.	Everyday Mathematics	10	9	90	A	EXCELLENT
4.	Achievers Section	15	9	60	C+	FAIR
	Total	60	45	75	B+	VERY GOOD



Percentage	Grade	Description
91-100%	A+	Outstanding
81-90%	A	Excellent
71-80%	B+	Very Good
61-70%	B	Good

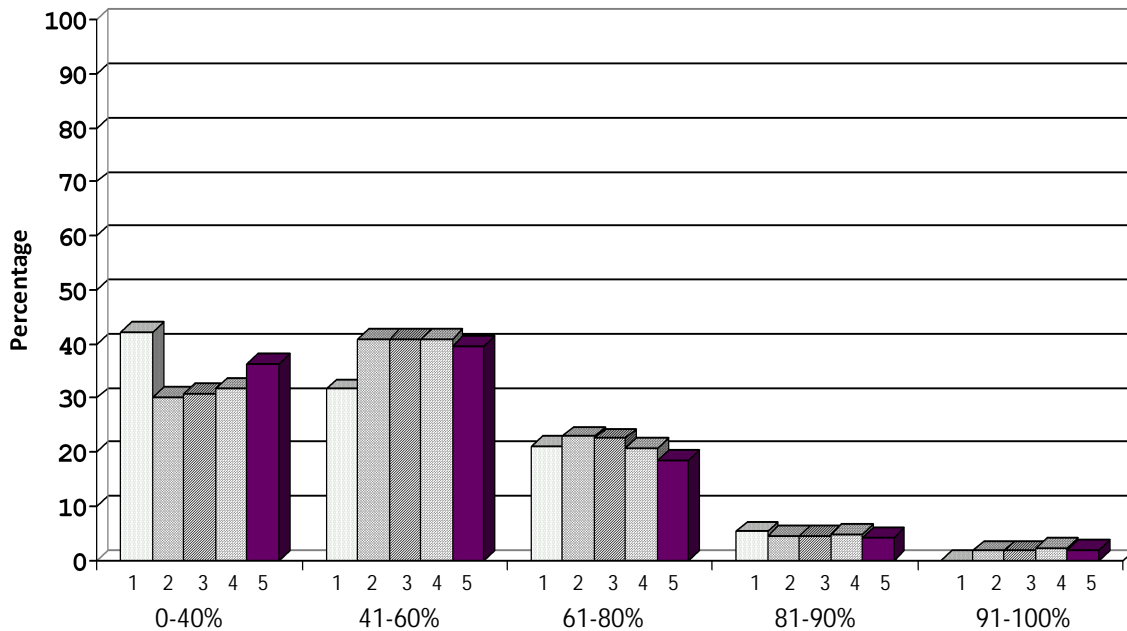
Percentage	Grade	Description
51-60%	C+	Fair
41-50%	C	Average
0-40%	D	Needs Improvement

Q.NO.	QUESTIONS	CORRECT ANSWER	YOUR ANSWER	CORRECT ANSWER %
			CORRECT/WRONG	
SECTION: LOGICAL REASONING				
1	Facing towards East, Ankit walks 4 m, then he turn left and walks 8 m, then again turn left and walks 4 m. Then, he takes a right turn and walks 7 m. After that he takes a left turn and walks 6 m. Then again turn left	A	✓	33.72
2	The given question consists of a set of four figures P, Q, R and S showing a sequence of folding of a piece of paper. Fig. (S) shows the manner in which the folded paper has been cut. Select the figure from the options	A	✗	60.43
3	If in all the numbers, 3 is added to all the even digits and 1 is subtracted from all the odd digits, then which number become smallest? 465, 263, 345, 516, 732	C	✓	46.24
4	If Q is father of T and P is son of U, where U is married to T and S is the brother of T. Then, how is P related to S?	A	✓	77.06
5	In the following letter series, how many M's are immediately preceded by 'a vowel' and immediately followed by 'a consonant'? H P E M X T M R H I M R C K I M H P T L U M O N U S	B	✓	57.84
6	There is a certain relationship between figures (i) and (ii). Establish the similar relationship between figures (iii) and (iv) by selecting a suitable figure from the given options, which will replace the (?) in figure (iii).	B	✓	86.19
7	Select a figure from the options which does not satisfy the same conditions of placement of the dots as in the given figure.	A	✓	41.25
8	Find the number of squares in the given figure.	D	✓	48.27
9	If '>' stands for 'division', '<' stands for 'multiplication' and '=' stands for 'addition'. Then, the value of $72 > 8 < 9 = 15 > 3$ is	D	✓	76.79
10	Group the given figures into three classes on the basis of their identical properties using each figure only once.	B	✓	60.80
11	Find the correct water image of the given figure.	D	✓	71.93
12	Find the missing figure which will replace the (?) to complete the series.	B	✓	77.84
13	In a certain code language, 'CORRECT' is written as 'HTWSZXO'. How will 'PERFECT' be written in that language?	B	✓	77.55
14	If interchange of \times and $-$ as well as 3 and 7 are made, then which of the following options will become correct?	D	✓	59.56
15	In the given Venn diagram, triangle represents teachers, circle represents child specialist doctors and square represents women specialist doctors. Which of the following numbers represent teachers who are child	C	✓	71.92
SECTION: MATHEMATICAL REASONING				
16	Given below are the steps of construction to construct a quadrilateral ABCD, where AB = 5.6 cm, BC = 4.1 cm, CD = 4.4 cm, AD = 3.3 cm and . Which of the following is incorrect step? Step-I : Draw AB = 5.6 cm and	C	✗	38.50
17	In the given figure (not drawn to scale), $\angle B$ and $\angle C$ are right angles and O is the mid-point of AD. Then, which of the following options is correct?	B	✓	70.14
18	Which of the following rational numbers does not lie on the number line between the numbers	C	✓	48.15
19	Study the given graph carefully and answer the following question. What is the sum of the ordinates of points P, Q, R and T?	A	✓	52.43
20	A die is thrown randomly. Find the probability of getting a prime number.	A	✓	62.86
21	Find the product of R and S.	B	✓	73.45
22	Find the value of $\sqrt{\frac{2304}{256}} \div \sqrt{\frac{2916}{4096}}$.	C	✓	47.88
23	In the given figure (not drawn to scale), l m and p and q are intersecting lines, find the value of x.	A	✗	45.66
24	Find the principal amount, if compound interest is ? 15,608 at the rate of 4% per annum compounded annually and time is 3 years.	B	✗	44.36
25	Observe the given graph and answer the following question. The coordinates of P are	A	✓	65.15

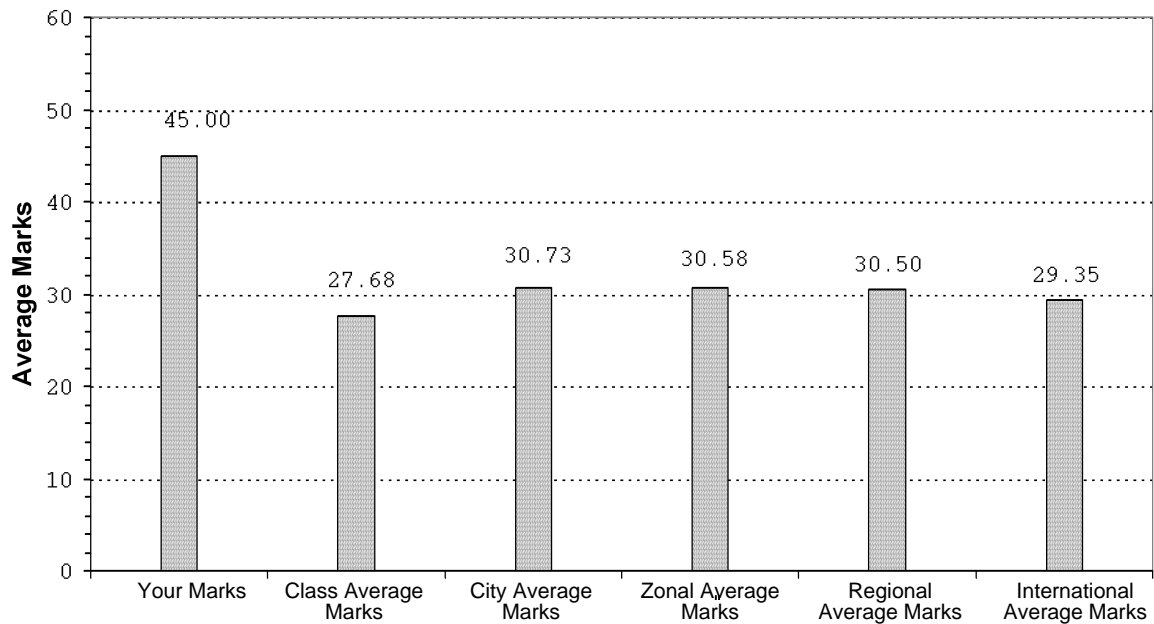
Maximum Marks	60
Marks Scored	45
Percentage	75.00

S.NO.	Marks Percentage Break-Up	0-40%	41-60%	61-80%	81-90%	91-100%
1.	% of Student In Your Class	42.11	31.58	21.05	5.26	0.00
2.	% of Student in Your City	30.08	41.00	22.83	4.45	1.65
3.	% of Student in Your Zone	30.70	40.79	22.48	4.38	1.66
4.	% of Student in Your Region	31.68	40.77	20.68	4.75	2.12
5.	% of Student Internationally	36.34	39.47	18.48	3.98	1.73

↓
You are Here



Description	Average Marks
Your Marks	45.00
Average Marks in Your Class	27.68
Average Marks in Your City	30.73
Average Marks in Your Zonal	30.58
Average Marks in Your Region	30.50
Average Marks Internationally	29.35



YEAR WISE ANALYSIS

PAST 10 YEARS PERFORMANCE COMPARISON

Event Name: SOF-IMO (International Mathematics Olympiad)

Year	Class	School Rank	City Rank	Zonal Rank	Regional Rank	International Rank
2012-13	Not Participated					
2013-14	Not Participated					
2014-15	Not Participated					
2015-16	Not Participated					
2016-17	03	3	275	284	N.A.	2396
2017-18	04	1	70	70	N.A.	169
2018-19	05	1	193	194	N.A.	840
2019-20	06	1	186	190	N.A.	844
2020-21	07	1	340	342	1013	1779
2021-22	08	2	179	180	594	960

Data provided is for the Years' in which student appeared in IMO exam & as available in records.

Science Olympiad Foundation,

a brainchild of leading academicians, scientists and media persons, was set up many years ago with the objectives of promoting interest in and identifying, nurturing and rewarding young talent in different academic subjects. This is set to be achieved through competitive exams, seminars and workshops, etc.

SOF CONDUCTS THE FOLLOWING SEVEN OLYMPIAD EXAMS:

SOF International General Knowledge Olympiad

SOF International English Olympiad

SOF National Science Olympiad

SOF International Mathematics Olympiad

SOF National Cyber Olympiad

SOF International Social Studies Olympiad

SOF International Commerce Olympiad



SOF has been partnering with leading organizations across the globe to add value to its Olympiad exams. Some of the organizations to have partnered SOF are The British Council, Tata Consultancy Services (TCS), The Ministry of Corporate Affairs through The ICSI, Techfest IIT Bombay, Wipro, LG, EFLU, Star Sports and National University of Singapore, among others.



SOF INTERNATIONAL GENERAL KNOWLEDGE OLYMPIAD



SOF INTERNATIONAL ENGLISH OLYMPIAD



SOF NATIONAL SCIENCE OLYMPIAD



SOF INTERNATIONAL MATHEMATICS OLYMPIAD



SOF NATIONAL CYBER OLYMPIAD



SOF INTERNATIONAL SOCIAL STUDIES OLYMPIAD



SOF INTERNATIONAL COMMERCE OLYMPIAD

Techfest
IIT Bombay

ICSI
THE INSTITUTE OF
Company Secretaries of India
भारतीय कम्पनी सचिव संस्थान
PRESENTS



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