

2024 PERFORMANCE REPORT

PAPER E GRADE 5

YEAR 6



# RULES



## **Paper E - Grade 5, Year 6: 100 Marks**

**20 Multiple-Choice Questions / 5 Free-Response Questions for 90 min**

3 marks each are contained by Questions 1-10, 4 marks each by Questions 11-20 and 6 marks each by Free-Response Questions 21-25, making a full score of 100. There is no penalty/deduction for wrong answer.

## **Awards**

**Top scorers will receive Gold (top 5% Globally), Silver (next 10% Globally), Bronze (next 15% Globally) and Merit (next 20% Globally) awards.**



# JMMC 2024 AWARDS & THRESHOLD : PAPER E



JUNIOR MATH  
MASTERY CHALLENGE

FULL SCORE : 100

Year	Highest	Gold	Silver	Bronze	Merit
2024	88	59	43	34	26





**Paper E**

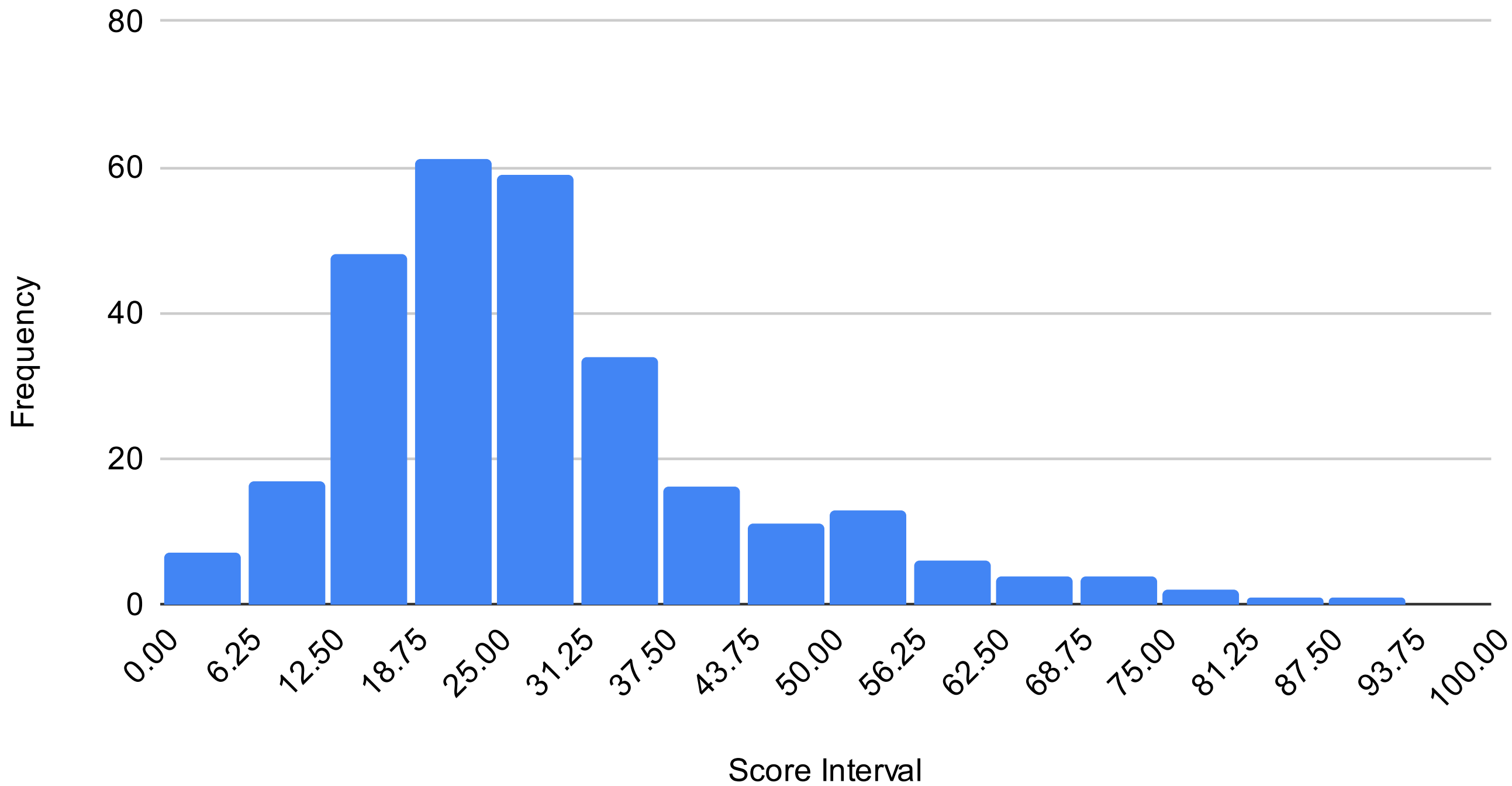
**TOP GOLD HONOR**

Student Name	Country	Student School
Theerawat Chantarotai	Thailand	DAROONPAT SCHOOL
Hong Yuanfeng	Thailand	WELLINGTON INTERNATIONAL SCHOOL
Halbert Nathan Chandra	Indonesia	MAWAR SHARON CHRISTIAN SCHOOL



# Paper E

## Score Distribution of All Countries

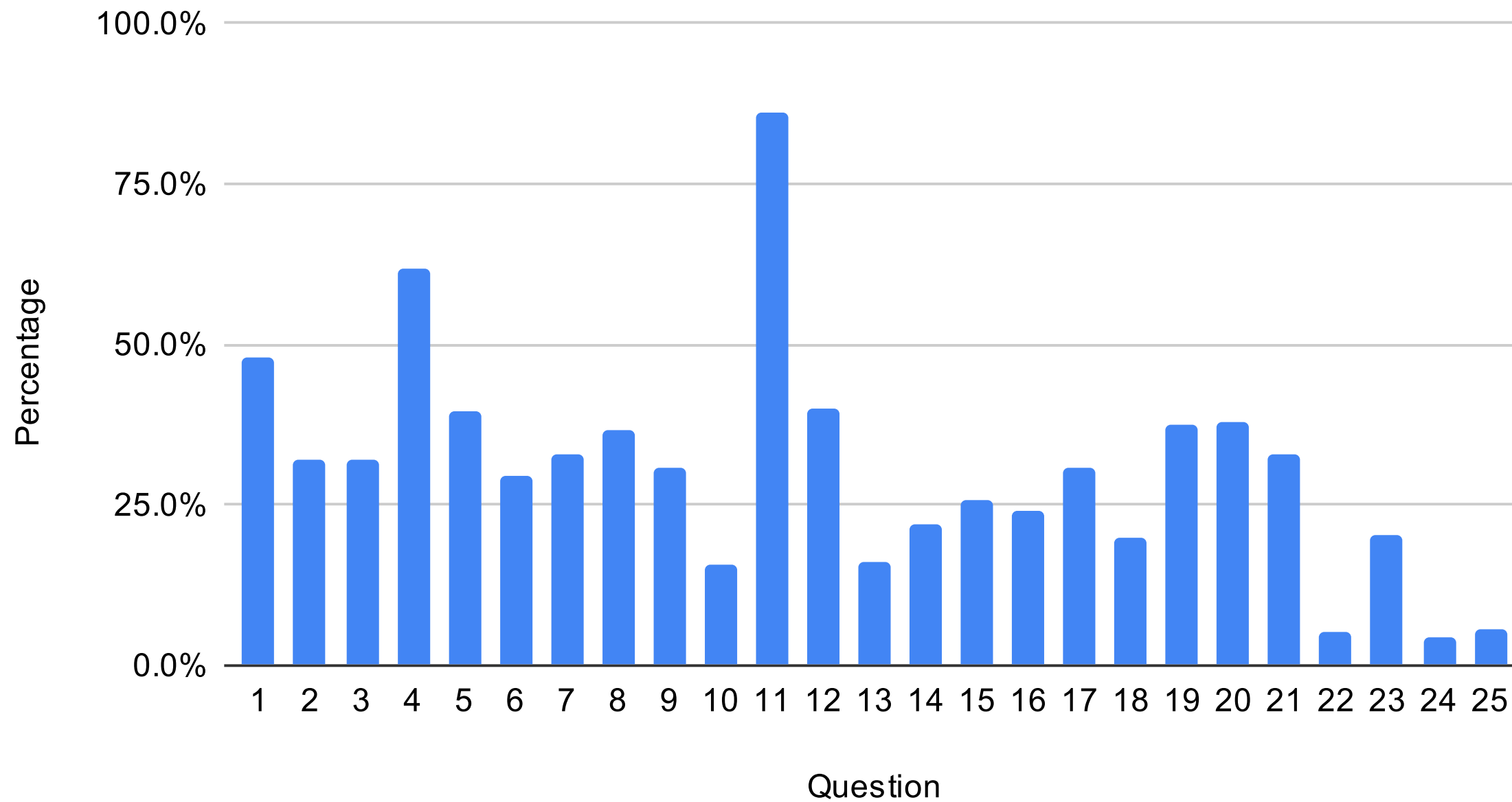


Score Statistics of Paper E	
Maximum	100
Highest	88
Average	28.5
Std.	15.5



# Paper E

Percentages of Correct Answer



No.	A	B	C	D	E	N/A	Answer
1	11.6%	13.0%	8.8%	<b>47.9%</b>	17.3%	1.4%	D
2	8.1%	12.7%	<b>32.0%</b>	10.2%	34.5%	2.5%	C
3	9.9%	11.3%	27.8%	16.2%	<b>32.0%</b>	2.8%	E
4	9.2%	10.6%	<b>61.6%</b>	12.7%	4.2%	1.8%	C
5	10.2%	<b>39.8%</b>	8.5%	15.8%	22.2%	3.5%	B
6	14.4%	25.4%	15.5%	<b>29.6%</b>	12.3%	2.8%	D
7	15.8%	15.5%	<b>32.7%</b>	7.7%	24.6%	3.5%	C
8	15.8%	17.6%	<b>36.6%</b>	11.6%	16.9%	1.4%	C
9	9.2%	18.0%	19.7%	<b>31.0%</b>	19.4%	2.8%	D
10	52.5%	2.5%	<b>15.5%</b>	2.8%	25.7%	1.1%	C
11	1.4%	3.5%	5.3%	<b>86.3%</b>	2.5%	1.1%	D
12	12.7%	<b>40.1%</b>	19.0%	2.8%	23.2%	2.1%	B
13	17.6%	24.3%	26.4%	<b>16.2%</b>	11.6%	3.9%	D
14	13.0%	16.5%	<b>22.2%</b>	18.3%	26.8%	3.2%	C
15	7.7%	<b>25.7%</b>	10.6%	9.2%	45.1%	1.8%	B
16	21.5%	22.2%	7.4%	<b>23.9%</b>	23.2%	1.8%	D
17	21.1%	15.5%	20.1%	10.2%	<b>30.6%</b>	2.5%	E
18	<b>20.1%</b>	13.4%	22.2%	18.0%	22.9%	3.5%	A
19	<b>37.3%</b>	13.7%	11.6%	10.6%	25.0%	1.8%	A
20	<b>38.0%</b>	13.7%	10.9%	12.3%	23.2%	1.8%	A
21	Short Answer				%Correct		<b>32.7%</b>
22	Short Answer				%Correct		<b>5.3%</b>
23	Short Answer				%Correct		<b>20.4%</b>
24	Short Answer				%Correct		<b>4.2%</b>
25	Short Answer				%Correct		<b>5.6%</b>

Bold figures represent the percentage of correct answer for each MCQ question. The highlighted figures indicate the 4 lowest values.

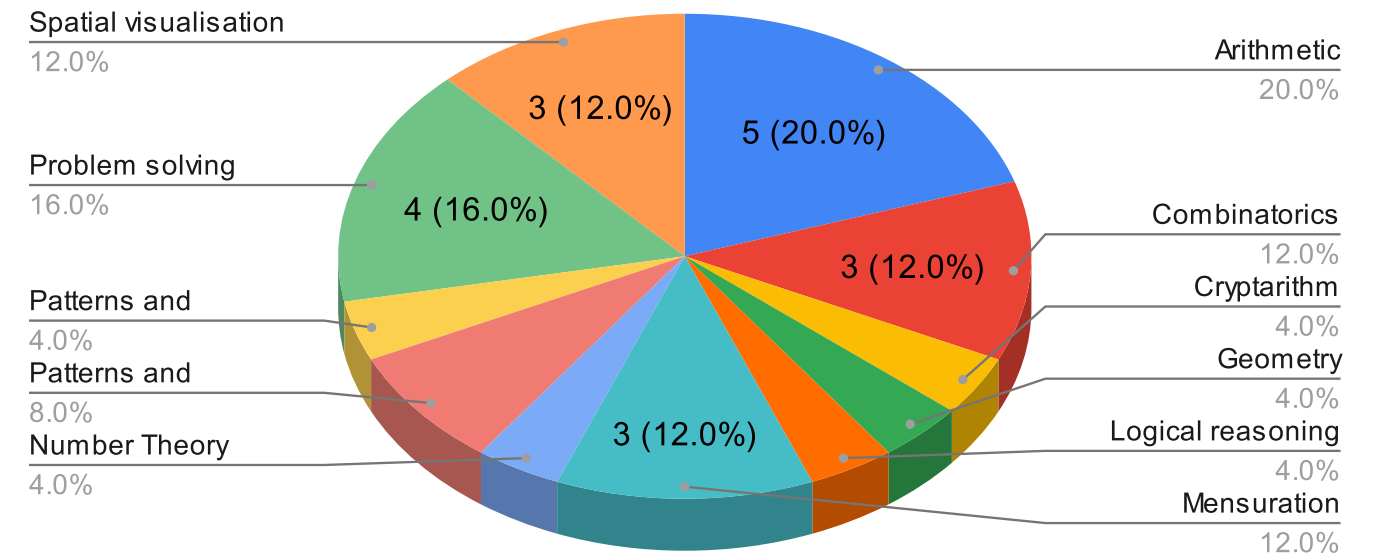




# Paper E

No	Topic	No	Topic	No	Topic
1	Arithmetic	11	Spatial visualisation	21	Cryptarithm
2	Patterns and sequences	12	Patterns and sequences	22	Problem solving
3	Arithmetic	13	Mensuration	23	Mensuration
4	Arithmetic	14	Patterns and sequences	24	Spatial visualisation
5	Problem solving	15	Arithmetic	25	Combinatorics
6	Geometry	16	Combinatorics		
7	Mensuration	17	Arithmetic		
8	Combinatorics	18	Problem solving		
9	Problem solving	19	Combinatorics		
10	Spatial visualisation	20	Logical reasoning		

Topic Proportions



Average Performance by Topics

1	Number Theory	5.63%
2	Patterns and sequences	22.18%
3	Mensuration	23.12%
4	Problem solving	24.03%
5	Geometry	29.58%
6	Combinatorics	32.63%
7	Cryptarithm	32.75%
8	Spatial visualisation	35.33%
9	Patterns and	36.09%
10	Logical reasoning	38.03%
11	Arithmetic	39.58%