

2024 PERFORMANCE REPORT

PAPER F GRADE 6

YEAR 7

# RULES



## **Paper F - Grade 6, Year 7: 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 F



FULL SCORE : 100

Year	Highest	Gold	Silver	Bronze	Merit
2024	83	56	42	32	24

**Paper F**

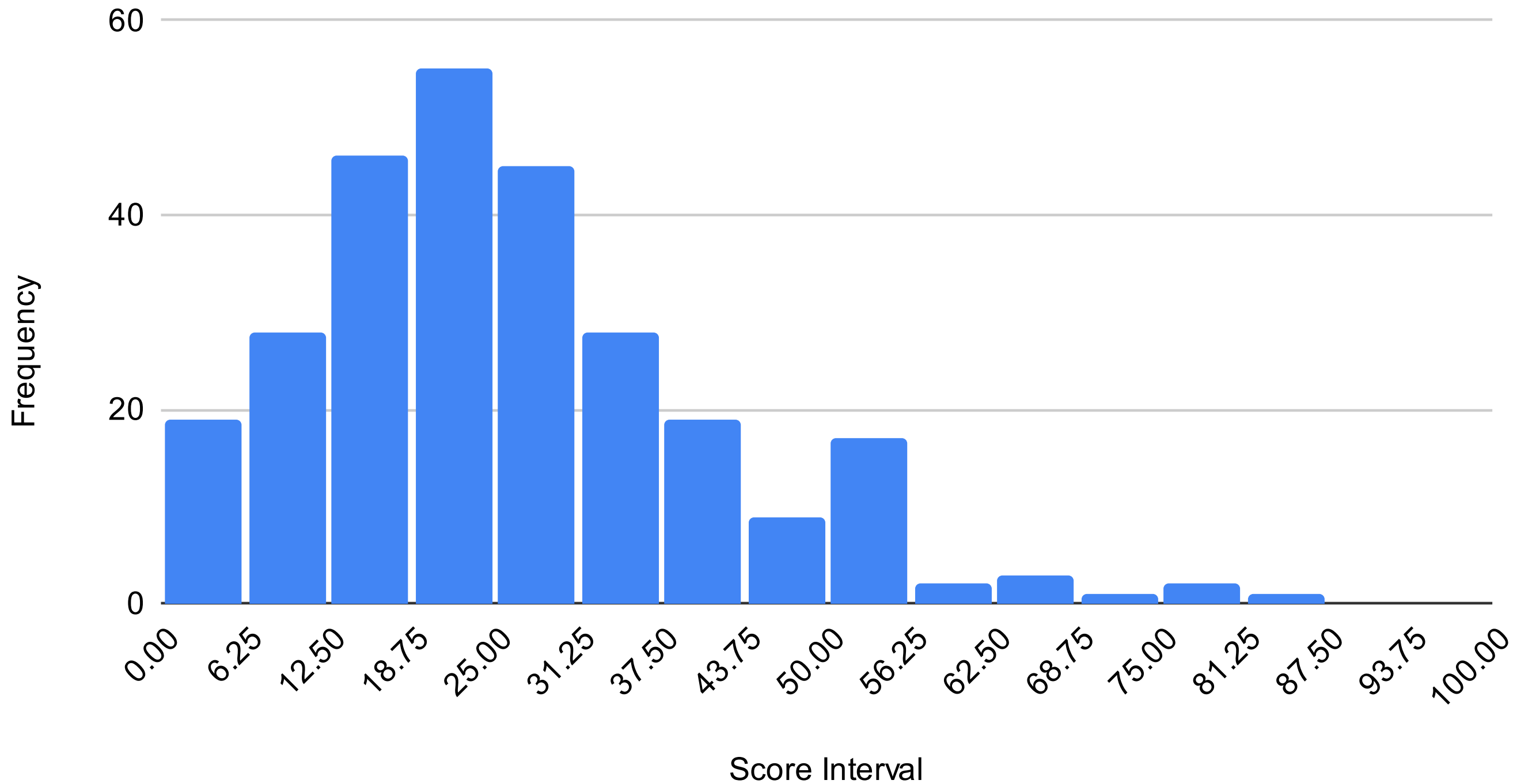
**TOP GOLD HONOR**

Student Name	Country	Student School
Putu Esa Indrastra Nugraha	Indonesia	SD KRISTEN ALETHEIA AMPENAN
Heal Job Esio	Philippines	PANGASINAN UNIVERSAL INSTITUTE
Viphoopat Srithong	Thailand	ANUBAN KRABI SCHOOL



# Paper F

## Score Distribution of All Countries

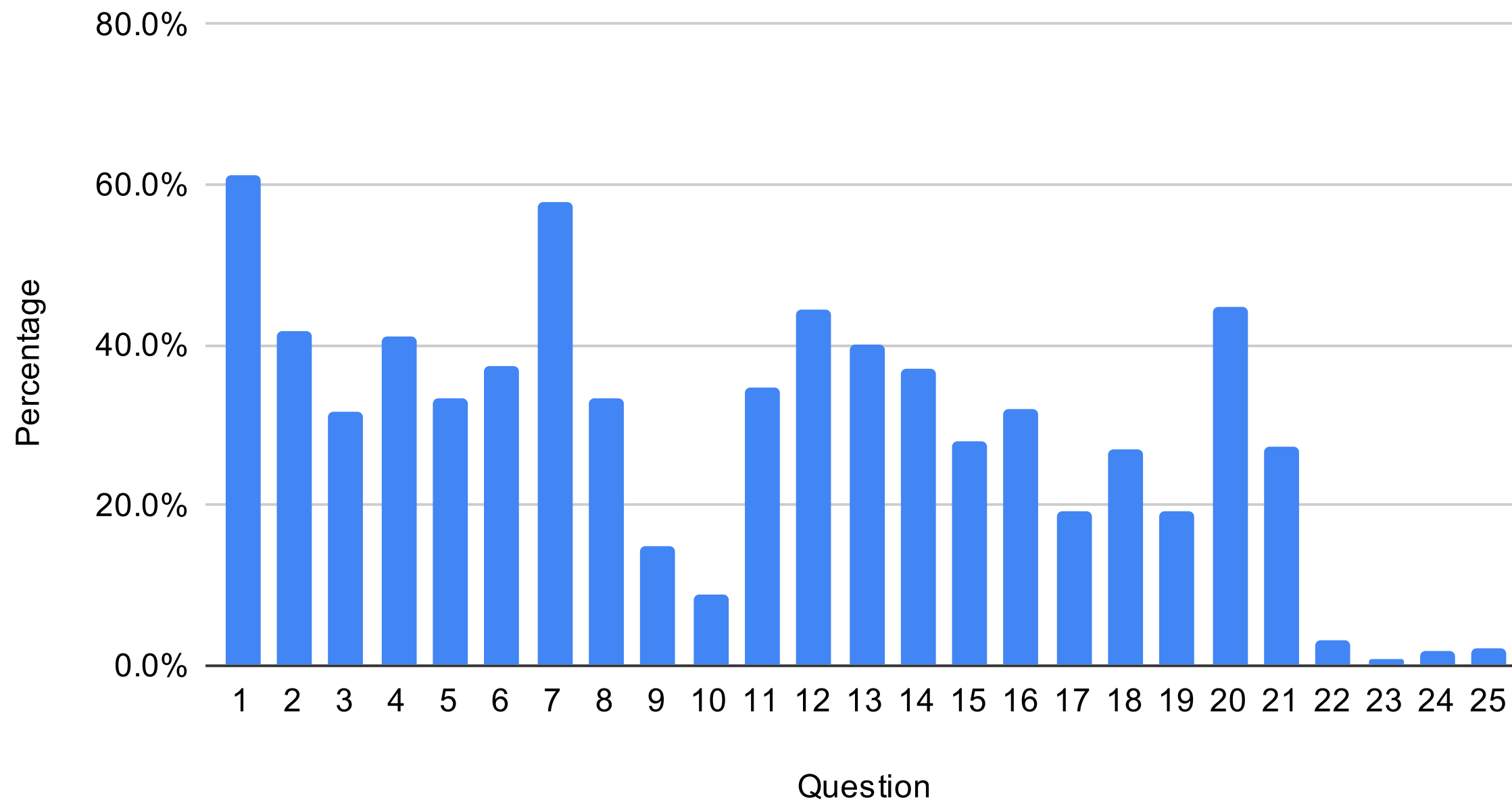


Score Statistics of Paper F	
Maximum	100
Highest	83
Average	26.0
Std.	15.3



# Paper F

Percentages of Correct Answer



No.	A	B	C	D	E	N/A	Answer
1	3.6%	10.5%	13.5%	<b>61.1%</b>	6.5%	4.7%	D
2	11.3%	<b>41.8%</b>	17.5%	10.5%	13.1%	5.8%	B
3	25.1%	<b>31.6%</b>	18.9%	8.0%	10.5%	5.8%	B
4	22.9%	<b>41.1%</b>	11.6%	4.0%	15.3%	5.1%	B
5	4.7%	<b>33.5%</b>	17.8%	18.2%	20.0%	5.8%	B
6	<b>37.5%</b>	17.1%	11.6%	11.3%	17.1%	5.5%	A
7	10.9%	<b>57.8%</b>	5.1%	18.9%	2.5%	4.7%	B
8	8.0%	<b>33.5%</b>	25.1%	16.0%	11.3%	6.2%	B
9	65.1%	7.3%	<b>14.9%</b>	5.5%	1.1%	6.2%	C
10	26.2%	11.3%	12.0%	<b>8.7%</b>	35.6%	6.2%	D
11	25.8%	<b>34.5%</b>	16.0%	12.7%	5.8%	5.1%	B
12	4.7%	18.5%	13.8%	13.1%	<b>44.4%</b>	5.5%	E
13	13.5%	<b>40.0%</b>	12.7%	8.4%	19.3%	6.2%	B
14	17.1%	<b>37.1%</b>	9.8%	13.1%	17.8%	5.1%	B
15	15.3%	10.2%	34.2%	6.9%	<b>28.0%</b>	5.5%	E
16	25.1%	<b>32.0%</b>	12.7%	9.5%	15.6%	5.1%	B
17	9.8%	<b>19.3%</b>	33.5%	17.1%	13.8%	6.5%	B
18	<b>26.9%</b>	23.3%	25.1%	8.4%	11.6%	4.7%	A
19	<b>19.3%</b>	25.1%	19.3%	13.1%	17.8%	5.5%	A
20	13.8%	15.3%	6.5%	<b>44.7%</b>	14.2%	5.5%	D
21	Short Answer				%Correct		<b>27.3%</b>
22	Short Answer				%Correct		<b>3.3%</b>
23	Short Answer				%Correct		<b>0.7%</b>
24	Short Answer				%Correct		<b>1.8%</b>
25	Short Answer				%Correct		<b>2.2%</b>

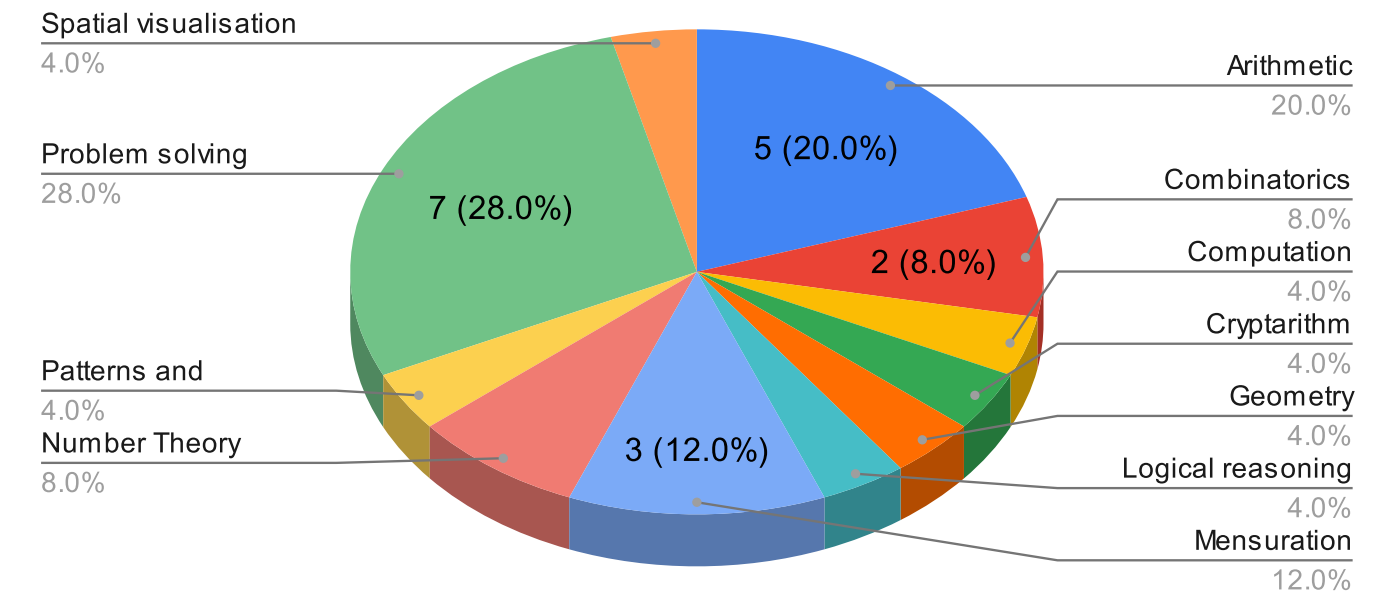
Bold figures represent the percentage of correct answer for each MCQ question. The highlighted figures indicate the 4 lowest values.



# Paper F

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

Topic Proportions



Average Performance by Topics

1	Cryptarithm	0.73%
2	Spatial visualisation	8.73%
3	Geometry	19.27%
4	Problem solving	21.19%
5	Number Theory	21.64%
6	Mensuration	28.12%
7	Combinatorics	34.55%
8	Patterns and sequences	34.55%
9	Arithmetic	42.40%
10	Logical reasoning	44.73%
11	Computation	57.82%