

# **OAC Open 2025**

## Competition Statistics and Analysis Report

Prepared by the OAC Organizing Committee

October 2025

## Executive Summary

The OAC Open 2025 recorded a total of **340 registrations** from **44 countries**. Of these, **156 participants** took part in the open round, and **34 qualified** for the next stage based on performance and submission criteria. The mean score was **77.2**, the median **65**, and the highest score **175**.

## 1 Registration Statistics

A total of 340 individuals registered for the competition, spanning 44 countries. Participants from India, the United States, and Indonesia comprised approximately 63.5% of all registrants. Most contestants were in grades 11 and 12, aged 16 or 17.

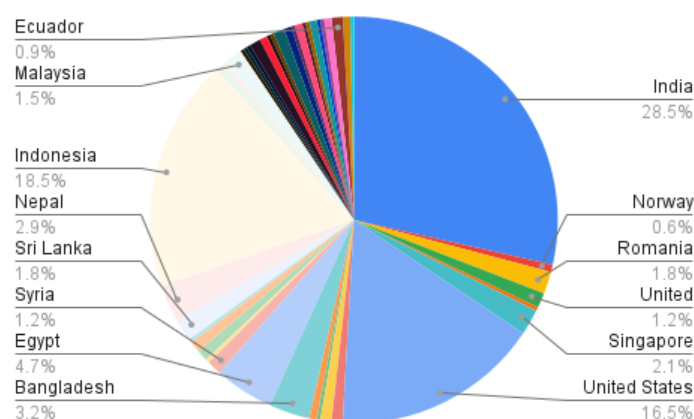


Figure 1: Distribution of participants by country.

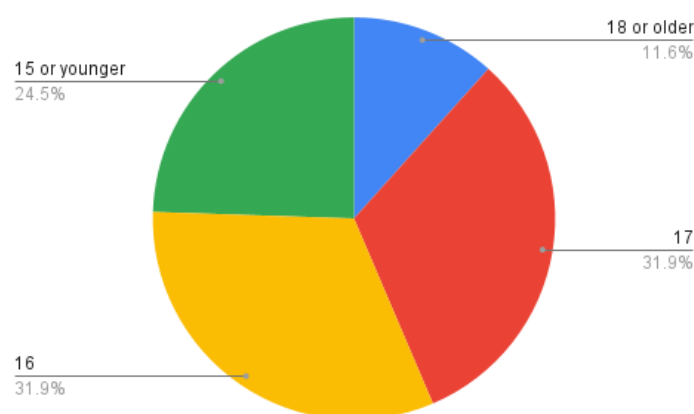


Figure 2: Age distribution of registered participants.

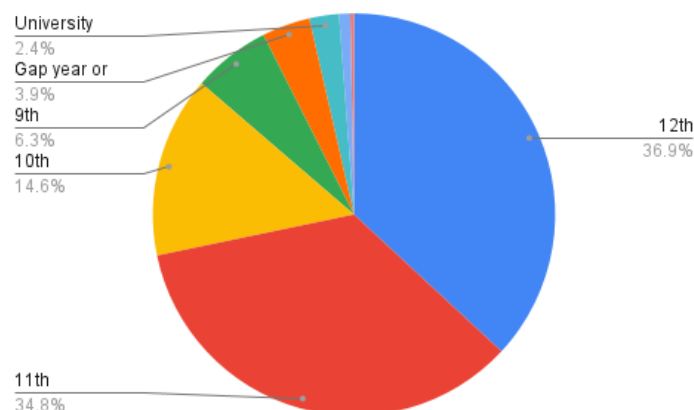


Figure 3: Grade distribution of registered participants.

## 2 Participation Details

Out of all registrants, 156 individuals participated in the open round, representing 31 countries. Each received a Certificate of Participation. A total of 34 contestants qualified for the next round, as indicated in the official results sheet.

### Qualification Criteria

Participants qualified if they:

- Scored 77 or higher
- Submitted valid scrapwork

Any suspected cases of academic dishonesty resulted in disqualification.

### 3 Exam Statistics

#### Summary of Scores

Statistic	Value	Description
Mean	77.2	Average participant score
Median	65	50th percentile
Standard Deviation	31	Measure of score spread
Minimum	30	Lowest score
Maximum	175	Highest score
Range	145	Maximum minus minimum
Skewness	+1.06	Slight right skew
Kurtosis	0.33	Near-normal distribution

#### Quartile Breakdown

Quartile	Score	Percentile
Q1 (Lower Quartile)	55	25th
Q2 (Median)	65	50th
Q3 (Upper Quartile)	97	75th

#### Top Scorers

Name	Score	Country
Mackenzie Tam	175	United States
Rajvardhan Jain	164	India
Kushagra Dagliya	160	India
Chinmoy Paul	155	Bangladesh
Arnab Ghosh	152	India

#### Question Analysis

- Question 8 had the highest error rate.
- Question 29 had the highest correct response rate.

OAC 2025 Open Scores Distribution

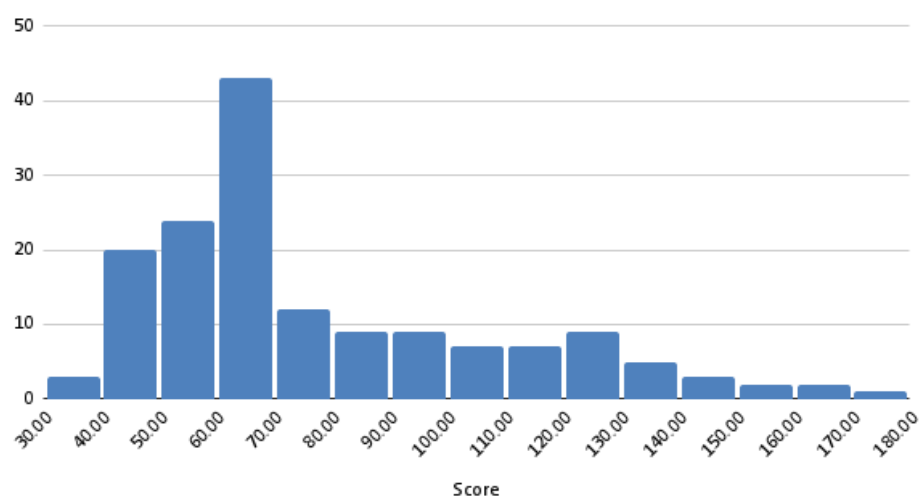


Figure 4: Distribution of participant scores.

Mean Score by Question

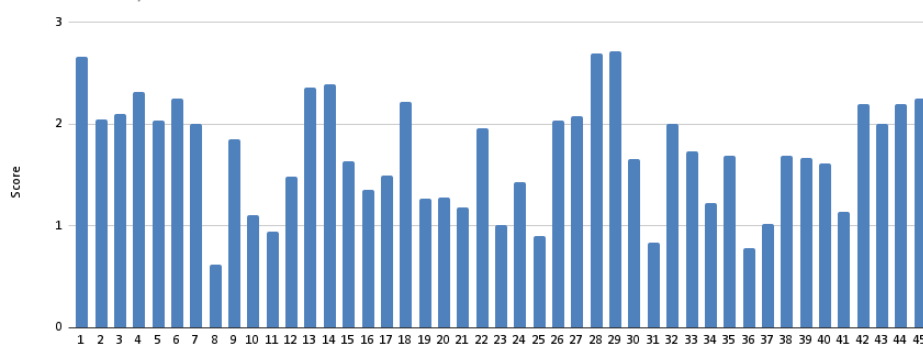


Figure 5: Mean score contribution by question.

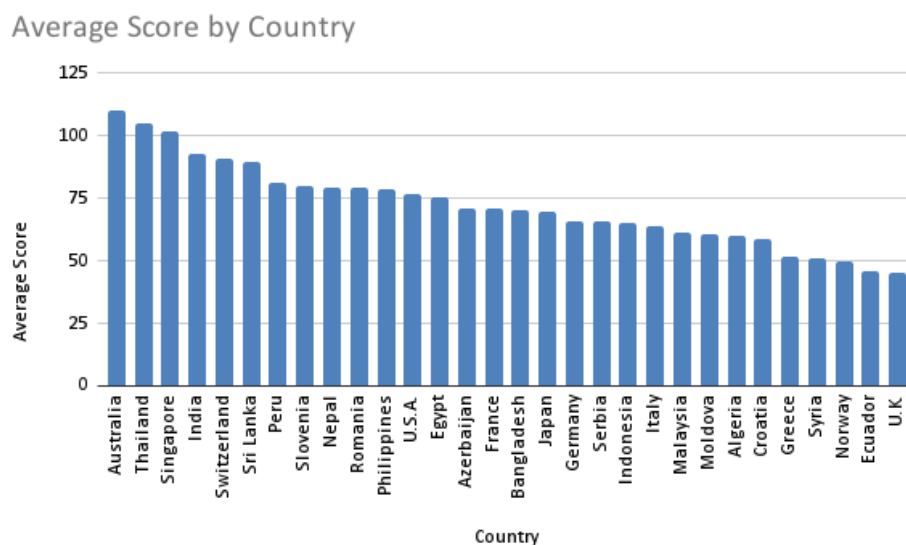


Figure 6: Mean score of participants by country.

## 4 Timeline of Events

- August 31, 2025 – Registrations opened
- September 18, 2025 – Registrations closed
- September 21, 2025 – Open Round held online
- October 5, 2025 – Results released

## Acknowledgments

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