

## INFORMATION SHEET

### Eligibility

Students enrolled in the following levels will be eligible to participate in the respective papers as shown in the table below:

Paper A	Paper B	Paper C	Paper D	Paper E	Paper F	Paper G	Paper H	Paper J	Paper K
Pri 3	Pri 4	Pri 5	Pri 6	Sec 1	Sec 2	Sec 3	Sec 4	JC 1	JC 2
Grade 3	Grade 4	Grade 5	Grade 6	Grade 7	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12

### Format

Students are required to answer a total of 25 questions of increasing difficulty within 90 minutes, using a 2B or B pencil, without the use of calculators.

	Section A	Section B	Section C
Questions	1 to 8	9 to 16	17 to 24
Marks	3	4	5
Instructions	<p>Choose the <b>BEST</b> answer of the five possible options.</p> <p>On your ANSWER SHEET fill in the oval that matches your answer.</p>		

### Awards

Top 40% of participants, locally, are awarded certificates and medals according to the table below. Participants who fall short of the top 40% will be issued a certificate of participation.

GOLD	SILVER	BRONZE
Top 8%	Next 12%	Next 20%

## Registration

Individual registration is not allowed for participants who have registered via their school.

	Papers A to H	Papers J to K
<b>Opening Date</b>	14 <sup>th</sup> June 2017	14 <sup>th</sup> June 2017
<b>Closing Date</b>	21 <sup>st</sup> July 2017	21 <sup>st</sup> July 2017
<b>Payment Deadline</b>	21 <sup>st</sup> July 2017	21 <sup>st</sup> July 2017
<b>Fees per pax</b>	S\$20.00 nett	S\$25.00 nett

To register, submit your details online at [http://seamo-official.org/reg\\_sg](http://seamo-official.org/reg_sg)

## Payment

1. Interbank transfer to:

**Singapore Asia Publishers Pte Ltd**  
**DBS Current Account**  
**029-901301-7.**

Transaction Reference Number should be retained until confirmation of receipt is received via email.

2. Payments should be made on or before the Payment Deadline for your category.

## Important Dates

The competition details are as stated:

	Papers A to H	Papers J to K
<b>Competition Day</b>	Saturday, 5 <sup>th</sup> August 2017	Saturday, 5 <sup>th</sup> August 2017
<b>Time</b>	09:30 – 11:00 AM	09:30 – 11:00 AM
<b>Release of Results</b>	5 <sup>th</sup> November 2017	12 <sup>th</sup> November 2017

## **Regulations and Procedure**

1. Competition duration: 1 hour 30 minutes.
2. Use a 2B or B pencil. Do not use a pen.
3. No calculators are allowed.
4. Do not open the Question Booklet until you are told to do so.
5. BOTH Answer Sheets and Question Booklets will be collected at the end of the paper.
6. Question Booklets will be released after the 12<sup>th</sup> August 2017.
7. Answer Sheets are to be submitted by SEAMO Partner via mail to:

**TCIMO PTE. LTD.**  
167A Thomson Road  
Goldhill Shopping Centre  
Singapore 307619

8. Results will be published on our website at <http://seamo-official.org/results> on the release date.
9. Certificates and medals will be mailed to the school within 4 weeks of the release date.

## **FOR MORE INFORMATION**

Visit our website at <http://seamo-official.org/>

Email us at [contact@seamo-official.org](mailto:contact@seamo-official.org)

Call us at +65 6276 8280 / +65 6775 8470

## Sample Papers

Competition papers are printed in full colour and presented in booklet form.

<p><b>PAPER A</b></p> <p>SEAMO DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED. STUDENTS NAME: _____</p> <p><b>LOWER PRIMARY</b></p>	<p><b>PAPER B</b></p> <p>SEAMO DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED. STUDENTS NAME: _____</p> <p><b>MIDDLE PRIMARY</b></p>	<p><b>PAPER C</b></p> <p>SEAMO DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED. STUDENTS NAME: _____</p> <p><b>UPPER PRIMARY</b></p>	<p><b>PAPER D</b></p> <p>SEAMO DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED. STUDENTS NAME: _____</p> <p><b>JUNIOR</b></p>	<p><b>PAPER E</b></p> <p>SEAMO DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED. STUDENTS NAME: _____</p> <p><b>INTERMEDIATE</b></p>	<p><b>PAPER F</b></p> <p>SEAMO DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED. STUDENTS NAME: _____</p> <p><b>SENIOR</b></p>
--	---	--	---	---	---

<p>1. Find the missing number.</p> <p>(A) 2 (B) 3 (C) 4 (D) 5</p>	<p>3. What colour is the circle marked with a question mark?</p> <p>(A) Red (B) Blue (C) Green (D) Yellow</p>	<p>1. Find the missing number in the number pattern.</p> <p>10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 74, 76, 78, 80, 82, 84, 86, 88, 90, 92, 94, 96, 98, 100</p> <p>(A) 10 (B) 12 (C) 14 (D) 16 (E) 18</p>	<p>1. In the diagram below, <math>\angle A = 40^\circ</math>, <math>\angle B = 30^\circ</math> and <math>\angle C = 10^\circ</math>. What is the value of <math>x</math>?</p> <p>(A) <math>100^\circ</math> (B) <math>120^\circ</math> (C) <math>130^\circ</math> (D) <math>140^\circ</math> (E) None of the above</p>	<p>1. Given that <math>\triangle ABC</math>, the area of <math>\triangle ABC</math> is 40 and the area of <math>\triangle DEF</math> is 100. What is the ratio of the sides of <math>\triangle ABC</math> to the sides of <math>\triangle DEF</math>?</p> <p>(A) 1:2 (B) 1:3 (C) 1:4 (D) 1:5 (E) None of the above</p>	<p>1. The area of the right-angled triangle is 30. Find the area of the rectangle.</p> <p>(A) 30 (B) 40 (C) 50 (D) 60 (E) 70</p>	<p>1. Find the area of the shaded region.</p> <p>(A) 48 (B) 60 (C) 72 (D) 84 (E) None of the above</p>	<p>1. Find the area of the shaded region.</p> <p>(A) 12 (B) 18 (C) 24 (D) 30 (E) None of the above</p>	<p>1. Find the area of the shaded region.</p> <p>(A) 12 (B) 18 (C) 24 (D) 30 (E) None of the above</p>
---	---	---	--	--	--	--	--	--

## Syllabi

<p>01 Time 02 Addition and Subtraction 03 Multiplication 04 Number Pattern 05 Counting 06 Shortest Path 07 Queuing Problem 08 Pigeonhole Principle 09 IQ 10 Logic 11 Odd and Even Numbers 12 Sum of a Number Sequence 13 Working Backwards 14 Simple Speed</p>	<p>01 Time 02 Addition and Subtraction 03 Multiplication 04 Division 05 Remainder Problem 06 Number Pattern 07 Number Puzzle 08 Counting 09 Shortest Path 10 Queuing Problem 11 Pigeonhole Principle 12 IQ 13 Logic 14 Odd and Even Numbers 15 Sum of a Number Sequence 16 Working Backwards 17 Speed 18 Values of Ones Digit</p>	<p>01 The Four Operations 02 Whole Numbers 03 Fractions 04 Permutation 05 Combination 06 Pigeonhole Principle 07 Number Sequence 08 Logic 09 Average 10 Square Number 11 Prime Numbers 12 Prime Factorization 13 Defining New Operations 14 Working Backwards 15 Speed 16 Ratio and Percentage 17 Area of Circle 18 Angles and Triangles 19 Probability 20 Charts</p>	<p>01 Simple Equations 02 Rational Numbers 03 Indices 04 System of Equations 05 Multiplication of Polynomials 06 Divisibility 07 Prime and Composite Numbers 08 Square Numbers 09 Even and Odd Numbers 10 GCD and LCM 11 Permutations and Combinations 12 Probability 13 Pythagorean Theorem 14 Pigeonhole Principle 15 Problem on Journey 16 Profit and Loss 17 Circles 18 Geometry</p>	<p>01 Simple Equations 02 Rational Numbers 03 Indices 04 System of Equations 05 Multiplication of Polynomials 06 Divisibility 07 Prime and Composite Numbers 08 Square Numbers 09 Even and Odd Numbers 10 GCD and LCM 11 Permutations and Combinations 12 Probability 13 Pythagorean Theorem 14 Pigeonhole Principle 15 Journey Problems 16 Profit and Loss 17 Circles 18 Geometry</p>	<p>01 Quadratics Equations 02 Relations and Functions 03 Rational Numbers 04 Indices 05 Logarithms 06 Binomial Theorem 07 Trigonometric Identities 08 Arithmetic and Geometric Progression 09 Number Theory 10 System of Equations 11 Multiplication of Polynomials 12 Divisibility 13 Prime and Composite Numbers 14 Square Numbers 15 Even and Odd Numbers 16 GCD and LCM 17 Graphical Solutions to Equations 18 Probability 19 Pythagorean Theorem 20 Combinatorics</p>
--	---	---	--	--	--

Sample papers and their respective Syllabi may be viewed or downloaded at <http://seamo-official.org/resources>