



**Sri Lanka  
Olympiad Mathematics  
Foundation**

$$f(x) = e^x$$

$$\int_a^b e^x dx$$

$$b_m(x) = \sum_{n=0}^m \frac{x^n}{n!}$$

$$e^x = \lim_{m \rightarrow \infty} b_m(x)$$

*Discover your mathematical talent & cherish it..!*

May 02, 2019

Dear .....SLMC 2018 Index No: .....

### **International Mathematical Olympiad Pool Selection Test 2019**

I have pleasure in informing you that you have been selected, based on your performance in the Sri Lankan Mathematics Competition 2018 to participate in the International Mathematical Olympiad Pool Selection Test 2019 (IMOPST 2019). The Sri Lankan Mathematical Olympiad 2019 had to be postponed due to the closure of schools and as a consequence this year selection of a pool for IMO team selection tests will be done through this IMOPST. It has the same format as the Sri Lankan Mathematics Challenge Competition which consists of 5 essay type problems with a time limit of four and half hours. Based on the performance of this test a pool of maximum 15 students will be selected to participate in four selection tests (IMOTST) to select a team of six students to represent Sri Lanka at the 60<sup>th</sup> International Mathematical Olympiad (IMO) 2019 scheduled to be held at the University of Bath, United Kingdom during 11- 22 July 2019. The complete selection criteria of the Sri Lankan IMO team is available at [www.smathsolympiad.org/slomf/regulations](http://www.smathsolympiad.org/slomf/regulations).

IMOPST 2019 will be held on **Sunday, May 12, 2019 from 9:00am to 1:30pm** at the **Department of Mathematics, Faculty of Science, University of Colombo, Colombo 03**. Please be present at the Exam hall by 8:30am and bring your national identity card, school identity card, postal identity card, passport or a photo certified by the principal/deputy principal of your school or Grama Niladhari of your area with you. **Without an identification document you will not be able to enter the university premises. Please note that only the student will be permitted to enter the university premises and no vehicles will be permitted to enter the university premises due to the prevailing security situation in the country.**

You can bring pencils, pens, erasers, sharpeners, rulers and compasses to the exam hall. Mobile phones, Tabs, Calculators and Protractors are not allowed in the exam hall. No other writing utensil is allowed. You can also bring a snack or water.

Please **confirm your participation at the latest by Thursday, 09th of May, 2019** to:

Dr. Dayal Dharmasena    Email: [dayald7@gmail.com](mailto:dayald7@gmail.com)    Phone: 077-8889929

Sincerely,

Dr. Dayal B. Dharmasena

Director of Training, Sri Lanka Olympiad Mathematics Foundation &

Senior Lecturer, Department of Mathematics, University of Colombo