

**College of Computing & Information sciences**  
**Information Technology Department**  
**SEARCH FOR UTAS Shinas MATH GENIUS 2023**  
**(UNDER MATH CLUB)**

**ROUND 1 (Online Exam) on 14<sup>th</sup> November 2023, 12:00-2:00 PM at the lab**

1. This is a team competition of 2 members each.
2. Scope of the competition is Pure Math, Basic Math and Applied Math.

References: Pure, Applied Math and Basic Math handouts, College Algebra with Trigonometry 7th edition book (Barnett, etal)

3. Online exam (MCQs) is given to all participants and individual score of members are added as team marks. **There are 30 questions for 30 minutes (15 Basic Math and 15 Pure Math/Applied Math).**
4. Top **fifteen teams** with the **highest team marks** shall advance to the **next round.**
5. In case of a tie in the team marks, the time spent by members combined is calculated. The team with the lesser time wins.
6. No calculator allowed.
7. Register your team with your respective Math lecturer.

**ROUND 2 (Oral Competition) on 21<sup>st</sup> November 2023, 12:00-2:00 PM at F-022**

1. There are 15 questions for this round with two sets:  
 Set 1 : 7 MCQs from Basic Math **one mark each** for 15 seconds  
 Set 2 : 4 MCQs from Pure and Applied Math **one mark each** for 15 seconds.  
 \*correct answers or letter of correct answers will be accepted
2. The Quizmaster will read each question twice, and will say "go", and counting of time will start.
3. The team will work on each question and provide an answer, as a team.
4. No calculator allowed.
5. The team with the highest marks will be declared as 1<sup>st</sup> place, 2<sup>nd</sup> place, and 3<sup>rd</sup> place respectively.
6. In case of a tie, a short answer question will be given to the teams concerned. The team who gives the quickest and correct answer shall win.