# RULES FOR THE "MATH-CHALLENGE" PRIZE: PURE MATHEMATICS

## 1. Rules for the MaTH-Challenge Prize

Kindly read these rules carefully before submitting in a solution to a MaTH-Challenge prize problem. Please note that

(1) Participants must be undergraduates, graduates, or postgraduates currently affiliated with the Departments of Mathematics, Statistics and Actuarial Science.

(2) Participants can attempt **any** or **all** of the problems, the prize to be awarded for each being GHC 300.00[1] for the intermediate level problems and GHC 700.00[2] for the advanced level problems.

(3) At most three participants may collaborate on a MaTH-Challenge Prize Problem and submit a solution.

(4) Before a proposed solution is considered, the following conditions must be adhered to:
  (a) Participants must submit preferably **.pdf** soft-copies of the proposed solution to the e-mail addresses below, depending on the problem choice, clearly specifying the problem number, along with their **full name**, **programme**, **year**, and **contact number**. In the case of a collaboration, one author may submit on behalf of the others with **the full names**, **programmes**, **years**, and **contact numbers** of all authors on the proposed solution.
  (b) Participants attempting all MaTH-Challenge Problems should email their proposed solutions as **separate** files.
  (c) The proposed solution(s) must arrive by 23:59 GMT Thursday 31st October, 2019 (for the intermediate level problems) and by 23:59 GMT Thursday 14th November, 2019.

(5) In the event of a collaboration on a rigorously correct solution, the prize money will be shared **equally** among the authors. If a student/students attempt(s) several of the problems and the solutions are adjudged rigorously proven, the **full** prize money for the attempted problems will be awarded to the student(s).

(6) In the event of two or more correct solutions received by the deadline, priority will be given to those who submitted first.

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[1]Subject to funding availability, this prize money may be reviewed and increased to GHC 500.00

[2]Subject to funding availability, this prize money may be reviewed and increased to GHC 1,000.00

(7) The prize will be awarded to the participants who submit a correct solution, only after they have orally presented it, demonstrating that they did it themselves, on the day after the deadline has passed. Where no participants are deemed to have provided a correct solution, an ad-hoc decision **may** be taken, if necessary, to award a part of the prize money for originality in attempt or no prize money will be awarded if no correct solutions are received.

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