

UP MATH - PHYSICS SOCIETY

Gan. Pack Road, Baguin City 2600 Philippines

40 Years of Executions

4th of November 2016

Dr. Beatriz G. Torno Regional Director, Department of Education — Cordillera Administrative Region Wangal, La Trinidad 2601 Benguet, Philippines

Dear Dr. Torno,

Greetings!

The University of the Philippines Math-Physics Society is an organization of students who share a common vision of promoting students' interest in Mathematics and Physics. In its 41 years of living up to this vision, the society has spearheaded countless activities geated toward advancing the awareness and apprexistion of students of the City of Baguio and neighboring regions of the fields of Mathematics and Physics.

A noted activity of the UP Math-Physics Society is the Annual Math-Physics Interschool Quiz Show, a yearly challenge to high school students to compete with the best of the local schools in a battle over proficiency in Mathematics and Physics. In the staging of the society's 28th Annual Math-Physics Interschool Quiz Show on the 4th of February 2017, 8:00 AM – 5:00 PM at the Bagulo Convention Center. We are motivated to extend the scope of participants of the said activities to the brilliant students from the different regions of Luzon.

In relation to this, we humbly ask that you endorse the participation of schools in CAR. Moreover, we would like to request a copy of a list of the schools in your region with their contact information, and a copy of the endorsement letter from your office.

Thank you very much and we look forward to your positive response regarding our request.

Respectfully Yours,

HARLEH T-QUIZZAGAN
Chairperson, 28th AMPIQS Luxonwide

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PROF. EBNA N. BUECO

Math Faculty Adviser

Recompanding Approval:

MR. CHESTAN EZEKIEL M. FAJARDO Studenta Relations Difficer, UP Bagaio

Endorsed/Approved:

ElClas

Physics Faculty Advises

MS. CÁRLISLSE AURABELLE M. CASUGA

DR. ERLINDA C. VALAGANAS
Director for Student Affairs, UP Baguio

PROF. RAYMUNDO D. ROVILLOS, Ph. D.

The following are the official contact persons:

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UP MATH — PHYSICS SOCIETY

Ser. Pask Road, Baguio City 2600 Philippine.

28TH ANNUAL MATH-PHYSICS INTERSCHOOL QUIZ SHOW LUZONWIDE

04 February 2017 | 8:00 am - 5:00 pm | Baguio Convention Center

Time Frame

8:00 am - 9:00 am

Registration

9:00 am - 9:30 am

Invocation

Philippine National Anthem

Welcoming Remarks

Acknowledgement of Guests and Participants

'Quiz Show l'relude

Introduction of the Grievance Committee

9:30 am - 12:00 nn

Quiz Show Proper

Elimination Round for Individual Category and Group Category

12:00 nn - 1:30 pm .

BREAK

1:30 pm - 4:00 pm

Quiz Show Proper

Final Round for Individual Category and Group Category

Clincher Round (if the need arises)

4:00 pm - 5:00 pm

Acknowledgement of Donors and Sponsors

Presentation of Tokens and Certificates of Appreciation

Awarding Ceremony

Closing Remarks





UNIVERSITY OF THE PHILIPPINES BAGUIC UP MATH – PHYSICS S

40 Years of Excellence

28TH ANNUAL MATH-PHYSICS INTERSCHOOL QUIZ SHOW-LUZONWIDE

Quiz Show information

Objectives:

- 1. To foster enthusiasm in Mathematics and Physics
- 2. To minimize the negative attitude of students towards Mathematics and Physics
- 3. To identify and encourage Mathematics and Physics-Inclined students
- 4. To develop friendly competition among the participants

Scope:

- 1. General Mathematics Algebra, Trigonometry, Elementary Calculus, Geometry and Statistics, Elementary Number theory
- 2. Physics Fundamental Physics (Mechanics, Optics, Electronics, Atomic Physics, Astronomy)

Rules and Guidelines:

- 1. The quiz will be divided into two categories, the Team Category and Individual Category. Each category will have two rounds: an Elimination round and a Final round.
- 2. Each participating school shall have one (1) representative for the individual Category and a lineup composed of at most three (3) members to compete for the Team Category. The group can be composed of junior and/or senior high school students. Each team shall have a designated team captain. The student who represents his/her school for the individual may also be one of the three representatives for the school's Team Category
- 3. There will be twenty (20) questions for the elimination round; (6) easy, (7) average and (7) difficult. Fifteen (15) questions for the final round; (7) average and (8) difficult. The questions in each round would be distributed as 40% Physics and 60% Mathematics.
- 4. Questions would include objective (i.e. fill in the blanks, true or false, multiple choice) and problem solving types of questions. Each question would have corresponding points and time limits to be set according to their difficulty.
- 5. The corresponding score and time allotment for each question will be 2 points for 20 seconds for the easy round, 3 points for 45 seconds for the average and 5 points for 60 seconds for the difficult round. Wrong answer will merit no point. The questions will be repeated only once. The time allotted to answer each question starts after the second reading of the question. Answers are to be written on slates provided at the start of the contest proper.
- 6. NO calculators are allowed. Answers such as n, e, roots, and functional values of log, In. and circular functions (i.e sin, cos, tan) can be left as is, except when specified.
- 7. Answers must be complete. Answers that are not whole numbers must be rounded off to the nearest bandredths unless specified. Correct units should be indicated. Failure to supply complete answers (i.e rounded-off and with correct units) would mean no points.
- 8. Deduction of points equivalent to the current question's point-merit will be executed if any team or individual is caught getting signals and answers from the audience. The erring member/s of the audience will then be asked to leave the venue by membermarshals.



- The cumulative system of scoring shall be applied. This means that for each correct answer, the team/individual gets the corresponding number of points, and added to the previous score.
- 10. In case of a tie, decisive factor questions will be asked.
- 11. The top ten (10) participants after the elimination round will qualify for the final round. After the elimination round however, the qualifying school's score is reset to zero.
- 12. A Grievance Committee who will check the questions and will serve as judges for the quiz show will be composed of faculty members of the Mathematics and Physics Disciplines of the College of Science UP Baguio.
- 13. All complaints, protest or queries should be forwarded directly and immediately to the Grievance Committee by the individual contestant or the team's designated team captain.
- 14. Every decision of the Grievance Committee is to be considered final and absolute.
- 15. Other important rules will be announced before the competition begins.

DEC 13 2016

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Republic of the Philippines
Department of Education
Cordillera Administrative Region
Wangal, La Trinidad, Benguet

December 13, 2016

To: The Schools Division Superintendents
This Region

For information and appropriate action.

C/O: CLMD

C4/sips/FEC/EBD

FATRIZ G. TORNO, Ph.D., CESO IV

OIC- Regional Director

