



Republic of the Philippines
Department of Education
Region IV-A CALABARZON



Division Advisory No. 171, s. 2017
November 23, 2017

In reference to the letter of Kenneth Tolentino, this advisory is issued for the information of all Secondary School Heads (public and private)

ESTADISTIKA 2018

The UPLB Statistical Society will conduct ESTADISTIKA 2018 with the theme "State of the Nation: Analyzing Justice System and Security Issues through Statistics" on February 19, 2018 at UP Los Baños.

This activity shall be subject to the no-disruption-of-classes policy stipulated in DepEd order No. 9, s. 2005 entitled Instituting Measures to Increase Engaged Time-on-Task and Ensuring Compliance Therewith.

For more information, please see attached letter.

MERTHEL M. EVARDOME, CESO VI
Schools Division Superintendent

DEPED QUEZON ICT
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DATE: 11/23/17 TIME: 1:54
REFERENCE NO: VA171



ESTADISTIKA 2018

AN INVITATIONAL STATISTICS QUIZ,
ESSAY WRITING, POSTER MAKING, AND PHOTO CONTEST



UPLB STATISTICAL SOCIETY
TIN NO. 005-304-701-Non VAT
SEC Reg. No. A1997-24003



3rd Floor, Physical Sciences Building,
University of the Philippines Los Baños



uplbstatisticalsociety@gmail.com

TO: All SDSs:

For your information and appropriate
action, pls.

Thanks,
Ann 11-20-17

AD HOC COMMITTEE AY 2017-2018

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DIOSDADO M. SAN ANTONIO

Regional Director
Department of Education, Region IV-A
Karangalan Elementary School, Karangalan Village,
Cainta, Rizal, Philippines

Dear Dir. San Antonio:

Greetings!

The UPLB Statistical Society is a duly recognized academic organization exclusively for Statistics majors in the University of the Philippines Los Baños. Being significantly different since 1980, the organization has devoted itself to its goals of advancing and promoting proper application of Statistics in all fields of learning endeavors. Though an academic organization, UPLB STATS does not set its limit in developing academic excellence among its members. As a matter of fact, STATS was recently recognized in the 27th National Statistics Month Awards as the Best Youth Advocate for Statistics.

One of the many statistical advocacy activities conducted by UPLB STATS is **ESTADISTIKA** – an annual invitational statistics quiz, poster making, essay writing, and photo contest participated by high school students. ESTADISTIKA aims to instill the significance of statistics among high school students, to introduce proper application of statistics in various disciplines, to stimulate interest in statistics, and to promote intellectual growth among its participants.

Now on its 12th year, the event has extended the coverage of participating schools which will now include those from Region III (Central Luzon), Region IV-A (CALABARZON), and the National Capital Region (NCR). With the theme **“STATE of the Nation: Analyzing Justice System and Security Issues through Statistics”**, ESTADISTIKA 2018 will be held on 19th February 2018 from 8:00 A.M. to 6:00 P.M. at UP Los Baños.

In this regard, we are humbly requesting for the endorsement of **ESTADISTIKA 2018** to the academic institutions in CALABARZON. Attached herewith is a copy of the mechanics of the Statistics Quiz, Essay Writing, Poster Making and Photo contests. Should you have further inquiries, please do not hesitate to reach us through the contact information provided below or email us through estadistikastats@gmail.com.

Kenneth A. Tolentino

0977-127-4882

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DATE: TIME:



ESTADISTIKA 2018

AN INVITATIONAL STATISTICS QUIZ,
ESSAY WRITING, POSTER MAKING, AND PHOTO CONTEST



UPLB STATISTICAL SOCIETY
TIN NO. 005-304-701-Non VAT
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uplbstatisticalsociety@gmail.com

Your support to the success of this event is greatly appreciated. Thank you very much and we hope to get a favourable response from you soon.

Respectfully yours,

Kenneth A. Tolentino

Steering Committee Head, ESTADISTIKA 2018

Noted by:

Mr. Edrun R. Gayosa

Junior Adviser

Mr. John Lorenzo A. Yambot

Junior Adviser

Dr. Nancy A. Tandang

Senior Adviser

QUIZ CONTEST

QUALIFICATIONS

All bonafide grades 7 to 10 students enrolled during the current term may join this contest. Student participants are required to present their **student ID or any proof of enrollment** for the current term upon registration.

Each participating school can send at most

3 teams and all participating teams shall have

3 members each.

All participating teams are required to pay a **non-refundable registration fee** amounting to **400 pesos** (cash only) on the actual date of competition.

CONFIRMATION OF PARTICIPATION

To confirm the school's participation in ESTADISTIKA 2018, the coach must accomplish the entry forms and have it signed

by the school principal or administrator

Entry forms must be submitted via personal delivery, courier service, postal mail, electronic mail or hand-delivery through any certified UPLB Statistical Society member.

UPLB Statistical Society will confirm recognition of entry forms via telephone call, electronic mail, or text message.

COVERAGE

All questions that will be asked during ESTADISTIKA 2018 will be taken generally from the field of Elementary Statistics, applications of the said area and statistics-related trivia questions based on the theme.

ELIMINATION ROUND

The **ELIMINATION ROUND** shall be held off-stage and shall take on the form of a written exam.

All questions for this round shall be of **multiple-choice type**.

The exam-competition shall last exactly for **one (1) hour**.

Participating students are requested to bring their **own scientific calculator**. **Programmable calculators are not allowed**. **Only calculators found on this link will be allowed to be used by the contestants:** <http://bit.ly/2zclUxz8>

Answer sheets will be provided. Participants are not allowed to bring scratch papers. However, the exam questionnaires can be used as scratch paper.

Any form of cheating is not allowed. Team(s) with member(s) caught cheating shall automatically be disqualified.

Contestants who arrived late may take the exam, but no time extension will be given.

Manner of Scoring and Correction

Each question item shall merit 2 points.

Each contestant shall have an individual score. The score of each team member will be added to get the overall team score.

The twelve (12) teams in the **ELIMINATION ROUND** with the highest team score shall qualify to the **EXHIBITION ROUND**.

Qualifying teams shall be announced at the start of the **EXHIBITION ROUND**.

In case of a tie for the twelfth (12th) place, all teams vying for that place will automatically qualify to the **EXHIBITION ROUND**.

In case of a tie for the top scoring individual, a tiebreaker shall be held before the Exhibition Round. Coaches will be informed immediately and another written exam shall be done until the tie is broken.

EXHIBITION ROUND

The **EXHIBITION ROUND** shall be held off-stage and shall be a **quiz-bee type** of competition.

Each team will start from **zero point**.

General Mechanics

The competition is divided into three (3) phases: **Easy, Average, and Difficult** Phases.

There will be overall **thirty-one (31)** questions. The table below shows the **number of questions per round**.

Round	Operational	Trivia	Total
Easy	10	3	13
Average	7	3	10
Difficult	5	3	8
Total	22	9	31

A trivia question will be asked after the **first question**, after the **middle question** (after the **5th question** in the **easy phase**, after the **4th questions** in the **average phase** and after the **3rd question** in the **difficult phase**) and after the **last question** in the three phases. Only the team(s) who answer(s) correctly in the operational question before the exhibition trivia question can answer an exhibition trivia question.

Questions in any given phase may be of **objective or free-response type**.

The time allotted for each question will vary according to the difficulty of the question. For the easy round, the contestants will be given 10 seconds to answer each question. Thirty seconds will be allotted for average questions and 60 to 90 seconds will be allotted for difficult questions.

Each question shall be **read twice**. Each team shall have a proctor who will provide the answer sheets and the scratch papers. They are also designated to collect the answer sheets after the time limit of each question.

Answers in the computational form are not allowed (e.g. 3! should be written as 6) Final answers in **fractional form** should be expressed in the **lowest term**.

Intermediate values should not be rounded off. Failure to do so will render a wrong answer.



ESTADISTIKA 2018

An **invitational statistics quiz, essay-writing, poster-making, and photo contest**.

ESTADISTIKA is an Invitational Statistics Quiz, Essay-writing, Poster-making, and Photo Contest for high school students spearheaded by the UPLB Statistical Society. It primarily aims to instill the value of Statistics among high school students and to promote excellence in Statistics among the youth. It also represents an avenue for schools to engage in friendly competition while showing competency in retaining and applying knowledge and skills gleaned from their edification.

FEBRUARY 19, 2018
MONDAY

proper. However, the topic is expected to be related to the theme of ESTADISTIKA 2018.

CRITERIA FOR JUDGING

Content	25%
Relation to topic	20%
Mechanics	15%
Creativity	20%
Appropriateness of language	10%
Organization	10%
TOTAL	100%

PRIZES	
1st Place	2000Php
2nd Place	1500Php
3rd Place	1000Php

Certificates of Recognition and Medals

POSTER MAKING CONTEST

QUALIFICATIONS AND REQUIREMENTS

Each school may send at most three individual entries in the contest. The participant should not be joining any other event in ESTADISTIKA 2017.

A non-refundable registration fee of 40 pesos shall be given on the day of the contest.

MATERIALS

Participating teams are required to bring any variety of their desired medium of lack, white and three other choices of colors to be used in this event.

UPLB Statistical Society shall provide the contestants with boards which will be used for their posters.

Other unnecessary materials such as books, newspapers, journals, gadgets, and the like are not allowed during the contest. Failure to follow this will cause disqualification.

GENERAL GUIDELINES

Before the contest starts, participants will be asked to surrender coloring materials other than black, white and their three chosen colors.

Participants will be given 2 hours to conceptualize and finish their posters. After which, finished posters will be displayed in an exhibit for evaluation.

The topic, exclusively for the poster-making contest, will be given during the contest proper. However, the topic is expected to be related to the theme of ESTADISTIKA 2018.

All submitted entries will be considered property of UPLB STATS.

CRITERIA FOR JUDGING

Relation to theme	50%
Creativity	20%
Uniqueness	20%
Neatness	10%
TOTAL	100%

PRIZES

1st Place	2000Php
2nd Place	1500Php
3rd Place	1000Php

+ Certificates of Recognition and Medals

PHOTOGRAPHY CONTEST

QUALIFICATIONS AND REQUIREMENTS

Each school may have at most one individual entry in the contest.

The participant should not be joining any other event in ESTADISTIKA 2018.

A non-refundable registration fee of 140 pesos shall be given on the day of the contest.

MATERIALS

Participants are only allowed to use digital cameras or DSLRs with at most 24 megapixels. Filters and other medium for photo enhancement are not allowed.

GENERAL GUIDELINES

This contest will be on-the-spot. Subjects should be captured within the University of the Philippines Los Baños campus.

Participants will be given 15 minutes to conceptualize their subject and 45 minutes to shoot in the field. Each contestant should be accompanied by a UPLB STATS member. The coach of a participant may accompany the contestant in the field but is not allowed to talk to him/her.

Subjects can be modified or scripted. Outputs should be given a title and it will be printed in an A4 photo paper for the final judgment.

The topic, exclusively for the photo contest, will be given during the contest proper. However, the topic is expected to be related to the theme of ESTADISTIKA 2018.

All submitted entries will be considered property of UPLB STATS.

CRITERIA FOR JUDGING

Relevance to theme	40%
Clarity of expression	25%
Appeal	20%
Photography Technicalities	15%
TOTAL	100%

PRIZES

1st Place	1000Php
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+ Certificates of Recognition and Medals

CONTACT DETAILS

POSTAL MAIL ADDRESS

UPLB Statistical Society
Institute of Statistics (INSTAT)
3rd floor, Wing C
Physical Sciences Building
University of the Philippines Los Baños
College, Laguna 4031

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CONTACT PERSONS

Ma. Karla Coleen G. Concepcion
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Technical Committee Head

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Kenneth A. Tolentino
09771274882
President

The table below shows the scoring system in the three phases of the exhibition round.

EASY				
Question (Items)	Answer	Pts.	Exhibition Trivia Question (3 Items)	Pts.
	Correct	Correct	5	Correct
Wrong	Wrong	-1	Wrong	-2
No	No	0	No	-1
AVERAGE PHASE				
Question (Items)	Answer	Pts.	Exhibition Trivia Question (3 Items)	Pts.
	Correct	7	Correct	5
Wrong	-3	Wrong	-2	
No	-1	No	-1	
DIFFICULT PHASE				
Question (Items)	Answer	Pts.	Exhibition Trivia Question (3 Items)	Pts.
	Correct	10	Correct	5
Wrong	-5	Wrong	-2	
No	-3	No	-1	

In between phases, there will be a ten-minute lull for the update of the scores. At the end of the round, the cumulative score of each team will be computed.

The top four (4) teams in the EXHIBITION ROUND based on their cumulative team scores during the Easy, Average, and Difficult Phases shall qualify for the FINAL ROUND. Qualifying teams shall be announced before the start of the Final Round.

In case of a tie for the Fourth (4th) place, a tiebreaker question will immediately ensue and the team that answers it correctly will be the "sudden death" in nature.

The first team to gain a positive advantage score over the others will be declared the winner of the tie and will qualify to the Final Round.

AL ROUND

The Final Round shall be held on-stage and shall be a board work-problem solving competition.

Finalists will be assigned to write on a whiteboard before the live audience on-stage, which will act as their solving area.

All the qualifying teams are required to present their solutions completely, neatly, and orderly. **Incomplete and wrong solutions will render a wrong answer.** The members of the team are required to box their final answer.

Just before reading the question, each team will be given their own copy of the question concealed inside an envelope.

All questions will immediately proceed and will be **sudden death/knock-out** in nature. A maximum of **30 to 90 seconds** will be given to the finalists to answer each problem.

The teams will only be allowed to write on the board **after the first reading.** Failure to follow this will disqualify the team from answering the question. **The time allotted will start after the second reading.**

Answers in the computational form are not allowed (e.g. 3! should be written as 6). Final answers in **fractional form** should be expressed in the **lowest term.**

Intermediate values should not be rounded off. Failure to do so will render a wrong answer.

Sudden death/ Knock-out

General Procedure:

Case 1: All teams got the correct answer
- All teams shall proceed to the next question.

Case 2: Three teams got the correct answer
- All three teams shall proceed to the next question. The team who got a wrong answer will automatically be eliminated (apply general procedure).

Case 3: Two teams got the correct answer
- The two teams who got the correct answer shall proceed to the next question and shall compete for the first place. The losing team shall take the second place. On the other hand, the remaining two other teams will

be given another question(s) to compete for the third place (apply general procedure).

Case 4: Only one team got the correct answer
- The team who got the correct answer will automatically be declared as the champion. The remaining three teams will compete for the 2nd and 3rd place (apply general procedure).

Case 5: No team got the correct answer
- Another question will be given (apply general procedure).

The lone standing team who gave the last correct answer will be declared as the **Grand Champion.** The second from the last team who answered correctly will be hailed as the **First Runner-up Winner** while the third from the last that had a positive advantage will be proclaimed as the **Second Runner-up Winner.**

PROTEST MECHANICS

Only members of the team or their coach/adviser can raise a protest to be forwarded to the Board of Judges.

During the protest, the participant has the privilege of consulting any reference, provided they are relevant to the subject of the protest.

Protests regarding a question will be tackled only before the next question is read. **No complaints on a previous question shall be entertained once the quizmaster starts reading the next question.**

The decision of the Board of Judges is final and irrevocable.

PRIZES

1st Place 10000Php
2nd Place 5000Php
3rd Place 3000Php

+ Certificates of Recognition,
Plaque of Recognition and Medals

ESSAY WRITING CONTEST

QUALIFICATIONS AND REQUIREMENTS

Each school may send at most 10 individual entries in the contest. 1 participant should not be joining any other event in ESTADISTIKA 2018.

A non-refundable registration fee of 1 pesos shall be given on the day of the contest.

MATERIALS

Writing materials will be provided on contest proper. Other unnecessary materials such as books, newspapers, journals, gadgets and the like are not allowed during the contest. Failure to follow this will result in disqualification.

GENERAL GUIDELINES

Originality of work must always be observed. **Plagiarism can be a subject of the contestant's disqualification.**

Biases and individual opinions are expected from the contestants. However, discretion will only be allowed as long as it is in the proper context.

The contestant's name must not be written anywhere on the paper. Numbers will be assigned to each contestant, which will be written on the **upper left-hand corner** of the paper.

Maintain a readable handwriting. Essays should be written on only one side of the paper. The contestants may use extra sheets if needed.

The maximum length of each entry should be 500 words (excluding articles). The word count should be indicated by the contestant on the upper right-hand corner of the paper.

Participants will be given **2 hours** to conceptualize and finish their essays.

The topic, exclusively for the essay-writing contest, will be given during the contest.