



ESTADISTIKA 2017

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

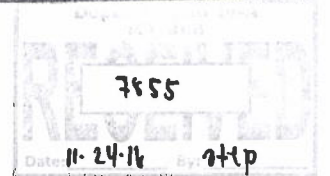
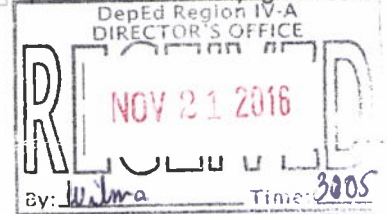


UPLB STATISTICAL SOCIETY

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SENIOR ADVISER

Diosdado M. San Antonio

Regional Director

Department of Education, Region IV-A

Karangalan Elementary School, Karangalan Village,
Cainta, Rizal, Philippines

Dear **Director San Antonio**:

Greetings!

The UPLB Statistical Society is a duly recognized academic organization in the University of the Philippines Los Baños. Since 1980, the organization has devoted itself to its goals of advancing and promoting proper application of statistics in all fields of learning endeavors. In light of this, one of the organization's annual activities is **ESTADISTIKA**, an invitational statistics quiz, poster-making, essay-writing, and photo contest for high school students. **ESTADISTIKA** aims to promote intellectual growth in statistics among the youth and for them to appreciate the use of statistics in various fields.

ESTADISTIKA 2017, with the theme "**STATUS: It's Complicated; Understanding Human Behavior, Emotions, and Mental Health through Statistics**", will be held on 20 February 2017, from 8 AM to 6 PM at the University of the Philippines Los Baños, College, Laguna. Now on its 11th year, **ESTADISTIKA** will be participated by students from public and private high schools in Region III (Central Luzon), Region IV-A (CALABARZON), and the National Capital Region (NCR).

In this regard, we are humbly requesting for the endorsement of **ESTADISTIKA 2017** 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 esta.uplbstats@gmail.com.

Pauline Eunice V. Candelario 0936-777-2759

We look forward to your generous support and participation in this worthy endeavor. Thank you very much and we are hoping for your favourable response.

Respectfully yours,

Pauline Eunice V. Candelario
Pauline Eunice V. Candelario

Steering Committee Head, **ESTADISTIKA 2017**

Noted by:

Edrun R. Gayosa
Mr. Edrun R. Gayosa

Junior Adviser

John Lorenzo A. Yambot
Mr. John Lorenzo A. Yambot

Junior Adviser

Nancy A. Tandang
Dr. Nancy A. Tandang

Senior Adviser

*To: SDS
For your appropriate
action, please send
this to Mr. John
Yambot*

CRITERIA FOR JUDGING

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

PRIZES

1 st Place	2000PhP
2 nd Place	1000PhP
3 rd Place	800PhP
+ Certificates of Recognition and Medals	

PHOTO 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 2017. A non-refundable registration fee of 100 pesos shall be given on the day of the contest.

MATERIALS

Participants are only allowed to use **digital cameras** or **DLSRs** 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 A4 photo paper for the final judgment.

The topic will be given at the start of ESTADISTIKA 2017. It is expected that the topic is related to ESTADISTIKA 2017's theme.

All submitted entries will be considered property of UPLB STATS.

CRITERIA FOR JUDGING

Relevance to theme	40%
Appeal	20%
Technicalities	25%
Mechanics	15%
TOTAL	100%

PRIZES

1 st Place	1000PhP
+ Certificates of Recognition and Medals	

CONTACT DETAILS

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President



ESTADISTIKA 2017

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 20, 2017
MONDAY

Morning Session	Afternoon Session
CAS ANNEX 2	SEARCHA UMALI AUDITORIUM
QUALIFYING ELIMINATIONS	QUALIFYING EXHIBITIONS
POSTER MAKING	FINALS
BS STATISTICS COURSE ORIENTATION	AWARDING
INSTA/TLH	
ESSAY WRITING	

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 particular 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

1 st Place	7000PhP
2 nd Place	3000PhP
3 rd Place	1000PhP
+ Certificates of Recognition and Medals	

ESSAY-WRITING CONTEST

QUALIFICATIONS AND REQUIREMENTS

Each school may have 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 100 pesos shall be given on the day of the contest.

MATERIALS

Writing materials will be provided on the contest proper. Other unnecessary materials such as books, newspapers, journals, gadgets, and the like are not allowed during the contest.

GENERAL GUIDELINES

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

Biases and individual opinions are expected from the contestants. However, discretion will only be allowed as long as it is 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 on the contest proper. However, the topic is expected to be related on the theme of ESTADISTIKA 2017.

CRITERIA FOR JUDGING

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

PRIZES

1 st Place	2000PhP
2 nd Place	1000PhP
3 rd Place	800PhP
+ Certificates of Recognition and Medals	

POSTER MAKING CONTEST

QUALIFICATIONS AND REQUIREMENTS

Each school may have 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 100 pesos shall be given on the day of the contest.

MATERIALS

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

UPLB Statistical Society shall provide the contestants with the 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.

GENERAL GUIDELINES

Participants will be asked to surrender the colors other than black, white and their three chosen colors, before the contest starts.

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 on the contest proper. However, the topic is expected to be related on the theme of ESTADISTIKA 2016.

All submitted entries will be considered property of UPLB STATS.

from a minimum of 10 seconds and a maximum of 90 seconds.

Each question shall be **read twice**. Each team shall have a proctor who will provide the answer sheets and the scratch papers, as well as collect the answer sheets after the time limit of the 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.

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

EASY PHASE					
Operational Question (10 items)	Answer	Pts.	Exhibition Trivia Question (3 items)	Answer	Pts.
	Correct	5		Correct	5
	Wrong	-1		Wrong	0
	No	0		No	0
AVERAGE PHASE					
Operational Question (7 items)	Answer	Pts.	Exhibition Trivia Question (3 items)	Answer	Pts.
	Correct	7		Correct	5
	Wrong	-3		Wrong	0
No	-1	No	0		
DIFFICULT PHASE					
Operational Question (9 items)	Answer	Pts.	Exhibition Trivia Question (3 items)	Answer	Pts.
	Correct	10		Correct	5
	Wrong	-5		Wrong	0
No	-3	No	0		

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 five (5) teams in the EXHIBITION ROUND based on their cumulative team scores during the Easy, Average, and Difficult Phases shall qualify for the FINAL ROUND. Teams shall be announced immediately after the round.

In case of tie for the Fifth (5th) place, a tiebreaker question will immediately ensue and will be "**sudden death**" in nature.

The first team to gain a positive advantage in score over the others will be declared the victor of the tie and will merit the corresponding recognition or places.

FINAL ROUND

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

Finalists will be assigned to write on a board wall 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.

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 **30-90 seconds** will be given to the finalists to answer the problems.

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: Four teams got the correct answer

- All four teams shall proceed to the next question. The team who got a wrong answer will automatically be eliminated (apply general procedure).

Case 3: 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 4: 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 three other teams will be given another question(s) to compete for the third place (apply general procedure).

Case 5: Only one team got the correct answer

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

Case 6: 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 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**.

QUALIFICATIONS

All bona fide grades 7-10 students currently enrolled during the current term may join this contest. Student participants are required to present their **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 **300 pesos** (cash only) on the actual date of competition together with the submission of the school's official confirmation form of participation.

CONFIRMATION OF PARTICIPATION

To confirm the school's participation in ESTADISTIKA 2017, the principal or any administrative staff must accomplish and sign the entry forms.

Entry forms must be submitted via personal delivery, courier, 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 the ESTADISTIKA 2017 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**.

The letter of the answer should be written in **CAPITAL** letters.

Participating students are requested to bring their **one scientific calculator**. Programmable calculators are not allowed.

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 then have an individual score; the score of each team member shall be added to get the overall team score.

The **twelve (12) teams** in the **ELIMINATION ROUND** with the highest team scores shall **qualify for the EXHIBITION ROUND**, which shall be held before the **FINAL ROUND**.

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

In case of tie for the Twelfth (12th) place, all teams vying for that place automatically qualify for 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 contacted 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. Thirteen (13) questions will come from the Easy Phase which is composed of ten (10) operational (statistical concepts) questions plus three (3) exhibition trivia questions. On the other hand, the Average Phase is comprised of ten (10) questions where seven (7) are operational questions and three (3) are exhibition trivia questions. Finally, the Difficult Phase is comprised of the remaining eight (8) questions wherein five (5) are operational questions and three (3) are trivia questions.

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 teams who answer(s) **correctly** in the operational question before the exhibition trivia question is/are allowed answering 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 which ranges