



UPLB STATISTICAL SOCIETY

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ESTADISTIKA 2016

An Invitational Statistics Quiz, Essay,
and Poster-making Contest



28 October 2015

DR. DIOSDADO M. SAN ANTONIO

CESO IV
Regional Director
Department of Education, Region IV-A CALABARZON
Karangalan ES, Karangalan Village
Cainta, Rizal

Dear Dr. San Antonio:

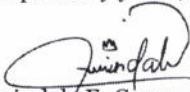
The UPLB Statistical Society, a duly recognized academic organization in the University of the Philippines Los Baños which is committed to the pursuit of academic and professional excellence, continues to work towards the advancement and promotion of the proper application of Statistics in all fields of learning endeavors.


For the 10th year, the organization is once again conducting **Estadistika**, an invitational statistics quiz, essay writing, and poster making contest. It is participated by students from public and private high schools in Region IV-A CALABARZON and the National Capital Region (NCR). It primarily aims to instill the value of Statistics among high school students and to promote excellence in Statistics among the youth.

With its theme, "**Knowing Risks, Saving Lives: Statistics in the Advancement of a Disaster-Resilient Philippines**", Estadistika 2016 will be held on the 15th day of February, 2016 from 8:00 am to 6:00 pm in the University of the Philippines Los Baños.

In this regard we are humbly requesting for the endorsement of Estadistika 2016 to the prospective participating schools in Region IV-A CALABARZON. Attached herewith is a copy of the mechanics of the Statistics Quiz, Essay Writing and Poster Making contests. Should you have further inquiries, please contact the undersigned, QuindaleCaraos, at this number: 09153473395. We will be sincerely grateful if you can extend your help towards us. Thank you very much and God bless a hundredfold!

Respectfully yours,

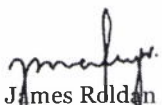

Quindale E. Caraos
Steering Committee Head


Eriel Jasmin N. Sanchez
President

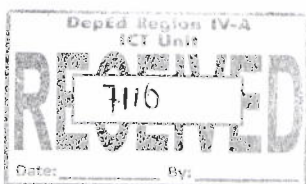
Noted:


Mr. Edrun R. Gayosa
Junior Adviser


Ms. Marie Joy F. Lopez
Junior Adviser


Prof. James Roldan S. Reyes
Senior Adviser

*To: SDS
For your appropriate
action, please
reply. God Bless!
28 Oct 2015*



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ESTADISTIKA IS AN INVITATIONAL STATISTICS QUIZ, POSTER MAKING AND ESSAY WRITING 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.

QUIZ CONTEST

QUALIFICATIONS

All bonafide grades 7-12 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.

The participants should **not be joining** any other event in ESTADISTIKA 2016.

CONFIRMATION OF PARTICIPATION

To confirm the school's participation in ESTADISTIKA 2016, 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 or electronic mail.

COVERAGE

All questions that will be asked during the ESTADISTIKA 2016 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 **own scientific calculator**.

Late contestants may take the exam-competition, but no time extension will be given.

Manner of Scoring and Correction

Each question item shall merit **2points**.

Each contestant shall then have an individual score, which shall be **summed-up together** with the other two contestants' individual scores composing the team.

The **top twelve (12) teams** in the ELIMINATION ROUND based on their team scores **shall qualify for the EXHIBITION Round** and the **BONUS 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 qualifies for the EXHIBITION ROUND.

In case of a tie for the top scoring individual, a tie breaker shall be held before the exhibition round. Coaches will be contacted immediately and a written exam shall be done until the tie is broken.

Only those contestants who participated in the ELIMINATION ROUND will be eligible to participate in the EXHIBITION ROUND.

EXHIBITION ROUND

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

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

General Mechanics

The competition is divided into two (2) phases: **Easy** and **Difficult** Phases.

There will be overall **thirty-two (32)** questions where twenty (20) questions will come from the Easy Phase. It will be composed of fifteen (15) operational (statistical concepts) questions plus five (5) exhibition trivia questions. On the other hand, the Difficult Phase will be comprised of twelve (12) questions where nine (9) are operational questions and three (3) are exhibition trivia questions.

An exhibition trivia question will be asked **after every three operational questions** in the two phases. Only the team(s) who **answers correctly** in the operational question before the exhibition trivia question is/are allowed to 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 which ranges from a minimum of 10 seconds and a maximum of 50 seconds.

Each question shall be **read twice**.

Each team shall have a **proctor** who shall provide the answer sheets and scratch papers, as well as collect the answer sheet after the time limit for the question.

In between phases, there will be a **fifteen-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 team cumulative scores during the Easy and Difficult Phases shall qualify for the FINAL ROUND. Teams shall be announced immediately after the round.

In case of tie for the Fourth (4th) 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.

" EASY PHASE"					
<i>Operational Question (15 items)</i>	Answer	Pts.	<i>Exhibition Trivia Question (5 items)</i>	Answer	Pts.
	Correct	5		Correct	3
	Wrong	-1		Wrong	0
	No	0		No	0
DIFFICULT PHASE					
<i>Operational Question (9 items)</i>	Answer	Pts.	<i>Exhibition Trivia Question (3 items)</i>	Answer	Pts.
	Correct	10		Correct	7
	Wrong	-5		Wrong	-3
	No	-3		No	0

BONUS ROUND

All teams that qualified for the exhibition round can join the contest.

A question in any form may be asked in the Bonus Round and the topic is expected to be related to the theme of ESTADISTIKA 2016

The team which answers the questions correctly will win a prize of Php 3,000.

FINAL ROUND

The **top four (4) teams** in the EXHIBITION ROUND based on their team cumulative scores during the Easy and Difficult Phases shall qualify for the FINAL ROUND. Qualifying teams shall be announced immediately after the 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, finalist competitors will be given their own copy of the question concealed inside a folder.

All questions will immediately proceed and will be **sudden death-knock-out** in nature. A maximum of **30-60 seconds** will be given to the finalists to answer the problems.

Each question will be read twice after which no repetition of the same will be done.

The competitors may start referring to their copy of the question but may not start writing on the first reading of the question.

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 3 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 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 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 2016.

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 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.

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 2016

CRITERIA FOR JUDGING

Creativity	25%
Relation to topic	20%
Mechanics	20%
Creativity	15%
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 2016.

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 Statistical Society.

CRITERIA FOR JUDGING

Relation to theme	50%
Creativity	20%
Uniqueness	15%
Neatness	10%
Appeal	5%
TOTAL	100%

PRIZES

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

CONTACT DETAILS

POSTAL MAIL ADDRESS

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