

10.11/19 C-00038  
RECEIVED  
SECTION

# ESTADISTIKA 2019

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



UPLB STATISTICAL SOCIETY

3rd Wing C. F. O. Sonato Hall, Royal Palm Ave.  
University of the Philippines, Los Baños

DEPED 4-08D-ISH01-2

10,500 for your appropriate  
action please get blank  
paper. J.B. Jan 2019

## ADHOC COMMITTEE AY 2018-2019

**ARMIELYN DL. REMON**  
STEERING COMMITTEE HEAD  
**JOHN JERWIN L. EVARDONE**  
ASSISTANT STEERING COMMITTEE HEAD  
**CIELO MARIE A. CASTAÑEDA**  
HEAD SECRETARIAT  
**DARYL ANNE R. BONCODIN**  
ASSISTANT HEAD SECRETARIAT  
**CHARIMAE JADE B. MENDOZA**  
TECHNICALS COMMITTEE HEAD  
**KRYSTEL VERONICA A. MALINIS**  
ASSISTANT TECHNICALS COMMITTEE HEAD  
**JAISEN KRYZTEL ANN J. PUNAN**  
MANAGEMENT AND COORDINATION COMMITTEE HEAD  
**ALEA PAULA V. HINOJOSA**  
ASSISTANT MANAGEMENT AND COORDINATION COMMITTEE HEAD  
**JASMIN C. ROQUE**  
PUBLICITY AND PROMOTIONS COMMITTEE HEAD  
**ORANGE GWEN D. TORRES**  
ASSISTANT PUBLICITY AND PROMOTIONS COMMITTEE HEAD  
**GABRIEL REINE M. FALZADO**  
MARKETING AND FINANCE COMMITTEE HEAD  
**MARY AUBREY KHAYE M. MERCADO**  
ASSISTANT MARKETING AND FINANCE COMMITTEE HEAD  
**GIAN PATRICK S. BALUYUT**  
OPERATIONS COMMITTEE HEAD  
**PAMELA L. AGUILA**  
ASSISTANT OPERATIONS COMMITTEE HEAD  
**MARK LOUIE R. LOBO**  
IT COMMITTEE HEAD  
**AERON NIGEL C. CUEVAS**  
ADVISORY COMMITTEE HEAD  
**VANESSA SOFIA O. AGUILAR**  
FOOD AND AWARDS COMMITTEE HEAD  
**CHRISTIAN ANTHONY P. DELOS SANTOS**  
ASSISTANT FOOD AND AWARDS COMMITTEE HEAD  
**JOHN CARLO P. TUMBAY**  
PHYSICAL ARRANGEMENTS COMMITTEE HEAD  
**DUKE SPENCER S. FARAOON**  
ASSISTANT PHYSICAL ARRANGEMENTS COMMITTEE HEAD

## ADVISERS

**JOHN LORENZO A. YAMBOT**  
JUNIOR ADVISER  
**LEONARD ALLAN F. ALMERO**  
JUNIOR ADVISER  
**MARIE JOY F. LOPEZ**  
SENIOR ADVISER

December 07, 2018

**Dr. DIOSDADO M. SAN ANTONIO**Regional Director  
Department of Education, Region IV-A  
Karangalan ES, Karangalan Village, Cainta, Rizal

Dear Dr. San Antonio :

Greetings!

JAN 03 2019

The UPLB Statistical Society (UPLB STATS) 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. In recognition of its outstanding efforts and exemplary dedication to the successful conduct of various statistical advocacy activities for the youth, UPLB STATS was recently awarded as the Best Youth Advocate for Statistics in the 28th National Statistics Month.

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.

On its 13<sup>th</sup> year, the event has extended the coverage of participating schools which will now include the entire Luzon. With the theme, “*Connecting Points: Understanding the Roles of Economic Statistics in Sustainable Development*,” ESTADISTIKA 2019 will be held in the University of the Philippines Los Baños on **23 February 2019 (Saturday)** from 8:00 A.M. to 6:00 P.M.

ES Ar  
ESTADISTIKA  
ESSAY CONC.  
Poster  
Print  
Amor  
Excel  
Replica  
Photo  
Comic  
Know Edific

# ESTADISTIKA 2019

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



UPLB STATISTICAL SOCIETY



3/F Wing C, ECQ Santos Hall, Royal Palm Ave.  
University of the Philippines, Los Baños  
uplbastatsociety@gmail.com  
estadistikastats@gmail.com

In this regard, we are humbly requesting for the endorsement of **ESTADISTIKA 2019** 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](mailto:estadistikastats@gmail.com).

*Armielyn DL. Remon*                    0945-389-5635

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,

**Armielyn DL. Remon**

Steering Committee Head, ESTADISTIKA 2019

Noted by:

**Mr. John Lorenzo A. Yambot**

Junior Adviser

**Prof. Leonard Allan F. Almero**

Junior Adviser

**Prof. Marie Joy F. Lopez**

Senior Adviser

**ES** An  
ESTADISTIKA  
QUIZ, ESSAY,  
CONTEST,  
Poster Making,  
Photo  
represent  
in  
competition  
knowledge  
edition

## QUIZ CONTEST

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

### QUALIFICATIONS AND REQUIREMENTS

All hononble Grade 7 to 12 students enrolled during the current term may join this contest. Upon registration, student participants are required to present their student ID or any proof of enrollment for the current term. The coach and student participants are also required to submit a 2x2 ID picture.

Each participating school can send at most 3 teams and all participating teams shall have 3 members each. A team may be composed of members that are of the same grade level or different grade level.

All participating teams are required to pay a non-refundable registration fee amounting to 1000 pesos (cash only) on the actual date of competition. The registration fee includes an event kit for the student participants.

### CONFIRMATION OF PARTICIPATION

To confirm the school's participation in ESTADISTIKA 2019, 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 UPJB Statistical Society member. UPJB 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 2019 will be taken from the field of Elementary Statistics, applications of the said area and statistics-related trivia questions based on the theme.

## 23 February 2019 MONDAY



# ESTADISTIKA 2019

### 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 Highschool students spearheaded by the UPJB Statistical Society if primarily aims to instill the value of Statistics among highschool 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 education.

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 question 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 ten (10) seconds to answer each question. Thirty (30) seconds will be allotted for average questions and sixty (60) to ninety (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. 3½ 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.

### General Mechanics

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

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.

**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.

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

#### EASY PHASE

Operations	Answer	Pts.	Exhibition	Answer	Pts.
Question	Correct	5	Trivia	Correct	5
	Wrong	-1	Question	Wrong	-2
(10 items)	No	0	(3 items)	No	-1

#### AVERAGE PHASE

Operations	Answer	Pts.	Exhibition	Answer	Pts.
Question	Correct	7	Trivia	Correct	5
	Wrong	-3	Question	Wrong	-2
(7 items)	No	-1	(3 items)	No	-1

#### DIFFICULT PHASE

Operations	Answer	Pts.	Exhibition	Answer	Pts.
Question	Correct	10	Trivia	Correct	5
	Wrong	-5	Question	Wrong	-2
(5 items)	No	-3	(3 items)	No	-1

#### GENERAL PHASE

Operations	Answer	Pts.	Exhibition	Answer	Pts.
Question	Correct	10	Trivia	Correct	5
	Wrong	-5	Question	Wrong	-2
(5 items)	No	-3	(3 items)	No	-1

#### 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

In case of a 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 qualify to the Final Round.

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 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 qualify to the Final Round.

#### 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 white board 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.

#### EQUAL OPPORTUNITY

Each school may send at most three individual entries in the contest. The participant should not be joining any other event in ESTADISTIKA 2019.

A non-refundable registration fee of 150 pesos shall be given on the day of the contest. The registration fee includes an event kit for the student participants.

#### 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. Failure to follow this will cause disqualification.

#### 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 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 proper. However, the topic is expected to be related to the theme of ESTADISTIKA 2019.

#### ESSAY WRITING CONTEST

#### QUALIFICATIONS AND REQUIREMENTS

All bonafide Grade 7 to 12 students enrolled during the current term may join this contest.

Upon registration, student participants are required to present their student ID or any proof of enrollment for the current term. The coach and student participants are also required to submit a 2x2 ID picture.

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.

#### 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

In case of a 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 qualify to the Final Round.

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 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 qualify to the Final Round.

#### 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 white board 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

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.

#### 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

In case of a 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 qualify to the Final Round.

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 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 qualify to the Final Round.

#### 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 white board 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

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 2019.

All submitted entries will be considered property of UPLB STATS.

#### POSTER MAKING CONTEST

##### QUALIFICATIONS AND REQUIREMENTS

All bonafide Grade 7 to 12 students enrolled during the current term may join this contest. Upon registration, student participants are required to present their **student ID or any proof of enrollment** for the current term. The coach and student participants are also required to submit a **2x2 ID picture**.

Each school may send **at most three individual entries** in the contest. The participant should not be joining any other event in ESTADISTIKA 2019.

A **non-refundable registration fee of 350 pesos** shall be given on the day of the contest. The registration fee includes an event kit for the student participants.

##### 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 boards which will be used for their posters.

Other unnecessary materials such as books, newspapers, journals, gadgets, and the like are

The registration fee includes an event kit for the student participants.

##### 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. UPLB Statistical Society shall provide the printing of the outputs 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 2019.

All submitted entries will be considered property of UPLB STATS.

#### CRITERIA FOR JUDGING

Relation to theme	50%
Creativity	20%
Uniqueness	20%
Neatness	10%
<b>TOTAL</b>	<b>100%</b>

##### PRIZES

1 <sup>st</sup> Place	2000Php
2 <sup>nd</sup> Place	1500Php
3 <sup>rd</sup> Place	1000Php

+ Certificates of Recognition and Medals

#### PHOTOGRAPHY CONTEST

##### QUALIFICATIONS AND REQUIREMENTS

All bonafide Grade 7 to 12 students enrolled during the current term may join this contest. Upon registration, student participants are required to present their **student ID or any proof of enrollment** for the current term. The coach and student participants are also required to submit a **2x2 ID picture**.

Each school may have **at most one individual entry** in the contest. The participant should not be joining any other event in ESTADISTIKA 2019.

#### CRITERIA FOR JUDGING

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

##### PRIZES

1 <sup>st</sup> Place	1000Php
2 <sup>nd</sup> Place	1500Php
3 <sup>rd</sup> Place	1000Php

+ Certificates of Recognition and Medals

#### CONTACT DETAILS

##### POSTAL MAIL ADDRESS

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

##### EMAIL ADDRESS:

estadistikastats@gmail.com

##### CONTACT PERSONS

Charimae Jade B. Mendoza  
+639265016569  
Technical Committee Head

##### EMAIL ADDRESS:

estadistika@gmail.com  
+639207678335  
Head Secretariat

##### MARY AUBREY KHAYE MERCADO

+639557108516

President

President

President

President

President

President

President

President

President