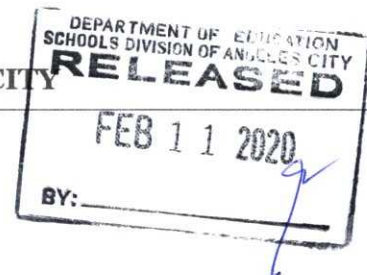




Republic of the Philippines  
**Department of Education**  
Region III  
SCHOOLS DIVISION OF ANGELES CITY



**DIVISION ADVISORY**  
No. 28, s. 2020

**To** : Heads of Public Secondary Schools  
**From** : The OIC-Schools Division Superintendent  
**Subject** : Estadistika 2020  
**Date** : February 10, 2020

Please be informed that the UPLB Statistical Society (UPLB Stats) is inviting secondary students to participate in Estadistika 2020 with the theme, "Planting the Country's Future: Addressing Challenges in Agriculture through Quality Statistics", on March 7, 2020 at the University of the Philippine Los Baños.

Attached are the letter of John Jerwin L. Evardone, Steering Committee Head and the mechanics of the different contests, for reference.

**MA. IRELYN P. TAMAYO PhD, CESE**  
Assistant Schools Division Superintendent  
Officer-in-Charge  
Office of the Schools Division Superintendent

LVL/chiefsgod

CV #2017 023



**Address:** Jesus Street, Pulungbulu, Angeles City  
**Telephone No.** (045) 322-4101  
**Email Address:** angeles.city@deped.gov.ph





# ESTADISTIKA 2020

A LUZONWIDE INVITATIONAL STATISTICS QUIZ, ESSAY WRITING, POSTER MAKING AND PHOTO CONTEST



UPLB STATISTICAL SOCIETY



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



uplbstatsociety@gmail.com  
estadistika@gmail.com

## ADHOC COMMITTEE

**JOHN JERWIN L. EVARDONE**  
STEERING COMMITTEE HEAD

**DENISE JULIENNE V. GUEVARRA**  
ASSISTANT STEERING COMMITTEE HEAD

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**AERON NIGEL C. CUEVAS**  
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JUNIOR ADVISER

**PROF. MARIE JOY F. LOPEZ-RELENTE**  
JUNIOR ADVISER

**PROF. NANCY A. TANDANG**  
SENIOR ADVISER

November 17, 2019

**DR. NICOLAS T. CAPULONG**

Regional Director

Department of Education, Region III

Maimpis, City of San Fernando, Pampanga

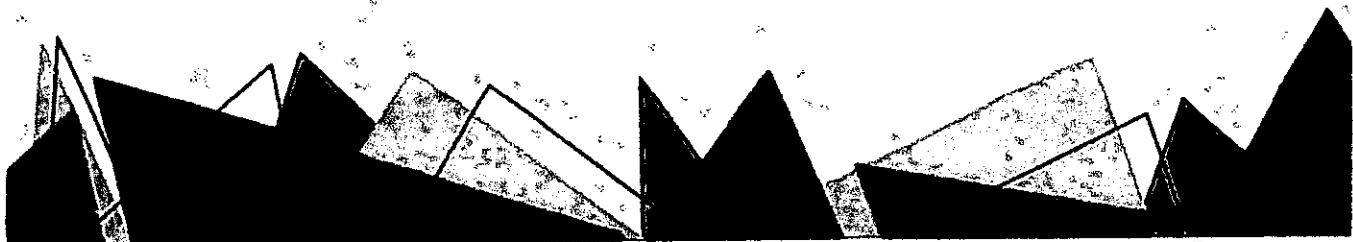
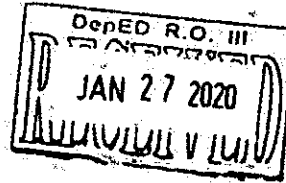
Dear Dr. Capulong:

Greetings!

The UPLB Statistical Society (UPLB STATS) 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 recognition of its outstanding efforts and exemplary dedication to the successful conduct of various statistical advocacy activities for the youth, UPLB STATS was awarded as the **Best Youth Group Advocate for Statistics** during the 27<sup>th</sup> and 28<sup>th</sup> National Statistics Month.

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 instill the significance of statistics among junior and senior high school students, to introduce the proper application of statistics in various disciplines, to stimulate interest in statistics, and to promote intellectual growth among the youth.

On its 14<sup>th</sup> year, high schools from Luzon are invited to participate in **ESTADISTIKA**. With the theme, "*Planting the Country's Future: Addressing Challenges in Agriculture through Quality Statistics*", **ESTADISTIKA 2020** will be held in the University of the Philippines Los Baños on **7 March 2020 (Saturday)**.





# ESTADISTIKA 2020

A LUZONWIDE INVITATIONAL STATISTICS QUIZ, ESSAY WRITING, POSTER MAKING AND PHOTO CONTEST



UPLB STATISTICAL SOCIETY



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



uplbstatisticalsociety@gmail.com  
estadistikastats@gmail.com

In this regard, we are humbly requesting for the endorsement of **ESTADISTIKA 2019** to the academic institutions in Region III. 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).

*John Jerwin L. Evardone 0905-840-6978*

*Denise Julienne V. Guevarra 0995-938-3734*

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,

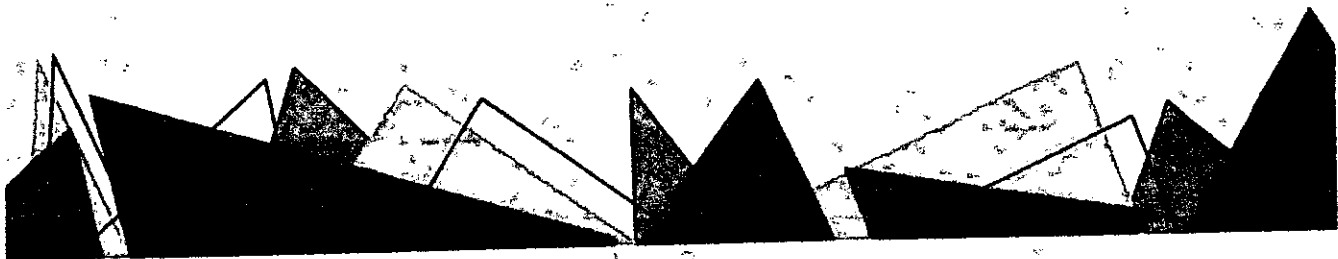
**John Jerwin L. Evardone**  
Steering Committee Head

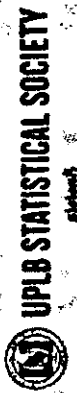
Noted by:

**Mr. John Lorenzo A. Yambot**  
Junior Adviser

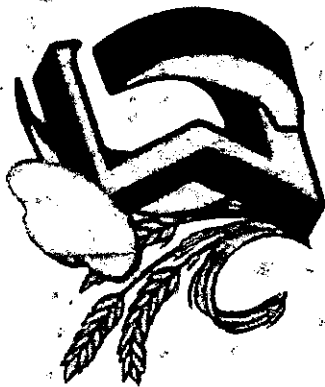
**Prof. Marie Joy F. Lopez-Relente**  
Junior Adviser

**Dr. Nancy A. Tandang**  
Senior Adviser





UPLB STATISTICAL SOCIETY



# ESTADISTIKA 2020

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 UPLB Statistical Society. It 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

22 February, 2020  
SATURDAY

## CONFIRMATION OF PARTICIPATION

- To confirm the school's participation in ESTADISTIKA 2020, you can either access this link <https://blayurl.com/ests2020/> or accomplish the entry forms attached to this letter. 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 the recognition of entry forms via telephone call, electronic mail, or text message.

## QUIZ 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.
- Each participating school can send at most two (2) teams and all participating teams shall have three (3) members each. A team may be composed of members that are of the same grade level or different grade level.
- Each participating team is required to pay a non-refundable registration fee amounting to 1000 pesos. The registration fee is inclusive of an event kit for the student participants.

### COVERAGE

All questions that will be asked during ESTADISTIKA 2020 will cover topics in Elementary Statistics, its applications and statistics-related trivia questions based on the theme.

The topics under Elementary Statistics are the following:

- Basic Concepts in Statistics
- Methods of Collecting Data
- Methods of Presenting Data
- Numerical Summary Measures
- Probability and Probability Distributions
- Random Variables
- Sampling and Sampling Techniques

### QUIZ CONTEST PROPER

- The ELIMINATION ROUND shall be held off-stage and shall take in the form of a written exam.
- All questions for this round shall be of multiple-choice type. The exam shall last for exactly one (1) hour.
- Participating students are requested to bring their own scientific calculator. Programmable calculators are not allowed. Only calculators found in the list provided will be allowed to be used by the contestants.

- Answer sheets will be provided. Participants are not allowed to bring scratch papers. However, the exam questionnaires can be used as scratch paper, and extra sheets will be provided if needed.
- Contestants who arrived late may still take the exam, but no time extension will be given.

### Manner of Scoring and Correction for the Elimination Round

- Each question item shall merit two (2) points.
- Each contestant shall have an individual score, and each team shall have the overall team score by adding the scores of the members.

The top fifteen (15) teams in the ELIMINATION ROUND shall qualify for the EXHIBITION ROUND.

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

In case of a tie for the fifteenth (15th) 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 a total of twenty-five (25) questions.
- The table below shows the number of questions per round.

ROUND	OPERATIONAL	TRIVIA	Total
Easy	9	2	11
Average	6	2	8
Difficult	4	2	6
Total	19	6	25

- Trivia questions 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 to answer the questions will vary according to the difficulty of the questions.

**EASY ROUND:** Ten (10) questions

**AVERAGE ROUND:** Thirty (30) seconds

**DIFFICULT ROUND:** Sixty (60) to Ninety (90) seconds

- 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.

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

EASY PHASE			
Operational Questions (10 items)	Ph.	Establishment Points (2 items)	Ph.
Correct	5	Correct	5
Wrong	-1	Wrong	-2
No	0	No	-1

AVERAGE PHASE			
Operational Questions (7 items)	Ph.	Establishment Points (2 items)	Ph.
Correct	7	Correct	7
Wrong	-3	Wrong	-3
No	-1	No	-1

DIFFICULT PHASE			
Operational Questions (7 items)	Ph.	Establishment Points (2 items)	Ph.
Correct	10	Correct	5
Wrong	-5	Wrong	-3
No	-3	No	-1

In between phases, there will be a ten-minute break 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 will be "sudden death" in nature.

### 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.

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/break-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.

### Mechanics for Sudden death/ Knock-out

#### Procedure:

- Case 1: All teams got the correct answer.
- Case 2: Three teams got the correct answer.
- Case 3: All three teams shall proceed to the next question.
- Case 4: The team who got a wrong answer will automatically be eliminated (apply general procedure).
- Case 5: Two teams got the correct answer.
- Case 6: The two teams who got the correct answer shall proceed to the next question and shall compete for the first place.
- Case 7: The losing team shall take the second place, thus, the remaining two other teams will be given other question(s) to compete for the third place (apply general procedure).
- Case 8: Only one team got the correct answer.
- Case 9: The team who got the correct answer will automatically be declared as the champion.
- Case 10: The remaining three teams will compete for the 2nd and 3rd place (apply general procedure).
- Case 11: No team got the correct answer.
- Case 12: 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.

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 tickled 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 10,000 Pesos
- 2nd Place 7,000 Pesos
- 3rd Place 5,000 Pesos

+ Certificates of Recognition, Medals and a Plaque of Recognition

their student ID or any proof of enrollment for the current term.

- Each school may send at most three (3) individual entries in the contest.
- The participant should not be joining any other event in ESTADISTIKA 2020.
- Each participating student is required to pay a non-refundable registration fee amounting to 350 Pesos. The registration fee is inclusive of 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

- The originality of work must always be observed. Plagiarism can be a subject for the contestant's disqualification.
- Guesses 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 300 words (excluding articles). The word count should be indicated by the contestant on the upper right-hand corner of the paper.
- Two (2) minutes will be given to the participants. The first 30 minutes are for the briefing and explanations of the guidelines and the remaining 1 hour and 30 minutes is allotted 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 2020.

### CRITERIA FOR JUDGING

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

### PRIZES

- 1st Place 2,000 Pesos
- 2nd Place 1,500 Pesos
- 3rd Place 1,000 Pesos

+ Certificate of Recognition and Medal

### POSTER MAKING CONTEST

#### QUALIFICATIONS AND REQUIREMENTS

- All bonafide Grade 7 to 12 students enrolled during the current term may join this contest. Upon registration on the day of the event, student participants are required to present their student ID or any proof of enrollment for the current term.
- Each school may send at most three (3) individual entries in the contest.
- The participant should not be joining any other event in ESTADISTIKA 2020.
- Each participating student is required to pay a non-refundable registration fee amounting to 350 Pesos. The registration fee is inclusive of an event kit for the student participants.

### MATERIALS

- Participating teams are required to bring WATERCOLOR ONLY of black, white and three primary colors (red, blue and yellow) to be used in this event.
- UPLB Statistical Society shall provide the contestants with boards that 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 their watercolor palette.
- The participants will be asked to remove colors other than black, white and the three (3) primary colors (red, blue and yellow).
- In case, the contestant will use a non-detachable watercolor palette, the other colors in the palette will be covered and will be signed by the UPLB STATS member assigned.
- Participants will be given two (2) hours to conceptualize and finish their posters. After this, the finished posters will be displayed in an exhibit for evaluation.
- MIXING will only be allowed using the THREE PRIMARY COLORS. Use of any other colors in mixing is prohibited.
- 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 2020.
- All submitted entries will be considered the property of UPLB STATS.

### CRITERIA FOR JUDGING

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

### POSTER MAKING CONTEST

### PRIZES

- 1st Place 2,000 Pesos
- 2nd Place 1,500 Pesos
- 3rd Place 1,000 Pesos

+ Certificate of Recognition and Medal

### PHOTOGRAPHY CONTEST

#### QUALIFICATIONS AND REQUIREMENTS

- All bonafide Grade 7 to 12 students enrolled during the current term may join this contest. Upon registration on the day of the event, student participants are required to present their student ID or any proof of enrollment for the current term.
- Each school may send at most one (1) individual entry in the contest.
- The participant should not be joining any other event in ESTADISTIKA 2020.
- Each participating student is required to pay a non-refundable registration fee amounting to 350 Pesos. The registration fee is inclusive of an event kit for the student participants.

### MATERIALS

- Participants are only allowed to use digital cameras or DSLRs with at most 24 megapixels.
- Filters and other media 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 ONLY.
- 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 2020.
- All submitted entries will be considered the property of UPLB STATS.

### CRITERIA FOR JUDGING

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

### PRIZES

- 1st Place 1,000 Pesos

+ Certificate of Recognition and Medal

## LIST OF ALLOWABLE CALCULATORS

ESTADISTIKA 2020 will not allow calculators not found in the list below in maintain fairness to all contestants. This list was obtained from the website of Professional Regulation Commission.

### CASIO STANDARD/DESKTOP/SCIENTIFIC CALCULATORS

530	1/15MS	1/82ES	JS-120TV	MS-120TE	NS-310TM	LS-123TC	LS-89HI	TS-1200TG
20V	1/15S	1/82ES PLUS	JS-140V	MS-120TV	O-40M	LS-121C	LS-88HI II	TS-120TL
470LA	1/122S	1/82LB	JS-20LA	MS-170LA	SL-100L	LS-121U	LS-89HV B	TS-120TS
D-100V	1/220	1/82LP	JS-20TV	MS-170T	SL-100VC	LS-153TS	LS-89HV G	TS-121TC
D-120TE	1/250HC	1/82MS	JS-40LA	MS-20TV	SL-1000TV	LS-154H	LS-89V Y	TX-1210 E
D-120TV	1/260	1/82Super	JS-40V	MS-20V	SL-1100	LS-154TG	LS-88V	TX-1210H
D-208H	1/300SA	1/82SX	JS-SC	MS-240T	SL-202TE	LS-210H	LS-89V II	TX-1210H II
D-20L	1/300W	1/82TL	JW120TV	MS-270LA	SL-210TE	LS-270H	LS-OT	TX-12H
D-20M	1/350D	1/85B	JW200	MS-270T	SL-220TE	LS-270V II	MP-120LTS	WS-112H
D-40L	1/350ES	1/85ES	LC-1000T	MS-310TM	SL-300LV	LS-355TS	MP-121LTS	WS-120CTV
D-60L	1/350ES PLUS	1/85ES PLUS	LC-1000TV	MS-350	SL-360TV	LS-39H	MP-121DTS	WS-1210H
D-60M	1/350HA	1/85MS	LC-160LV	MS-373	SL-395TE	LS-565H	PL-DTS H	WS-1210H II
DF100	1/350MS	1/85S	LC-401B	MS-470	SL-320TV	LS-63TG	P23-DTS II	WS-1410 T
DF120TM	1/350TL	1/85SA	LC-401L/V	MS-470LA	SL-320V	LS-82Z	TS-10TS	WS-1610 T
DF120TV	1/350TLG	1/80I	LC-403LD	MS-470LB	SL-330V	LS-83TC	TS-120 TL	
DF-240LB	1/350W	1/911W	LC-403LDTV	MS-5VC	SL-340VA	LS-88 L		
DF-320TM	1/40I	1/95	MU-100	MS-7T	SL-760LB			
DJ-120T	1/45IM	1/95MS	MU-100T	MS-80V	SL-787LT			
DJ-240	1/45M	1/95IES	MU-120T	MS-80TE	SL-797LT			
DJ-1200T	1/500ES	1/99IES PLUS	MS-1002	MS-812TV	SL-910TM			
DK1-1200TEV	1/506G	1/95IH	MS-100TE	MS-8T	SX-100			
DK1-1400TV	1/509D	1/99IMS	MS-100TV	MS-8TV	SX-220			
DK1-1600	1/509G	1/99IN	MS-10V	MS-8V	SX-300			
DK1-1600M	1/520G	1/99IS	MS-10VC	MS-8V	SX-300P			
DN-958A	1/531GH	1/99IS	MS-115	MS-8V	SX-320P			
DS-10TV	1/546D	1/99IES		MS-8V	WD-220T			
DS-120TV	1/570AD	1/99IES PLUS		MS-10V	WR1-200T			
DS-1800S	1/570ES PLUS	1/99IES PLUS		MS-10T	WR1-200T			
DS-1TV	1/570MS	1/99IH		MS-20T				
DS-208H	1/570S	1/99IN						
DS-20TV	1/570W	1/99IS						
DS-2TV	1/580	1/99IS						
DS-3V	1/580D	1/99IS						
DS-881	1/65	1/99IS						
DW120TV	1/75	1/99IS						
1/95ES PLUS	1/82	1/99IS						
1/100HIS	1/820HIS	1/99IS						
1/100S	1/824	1/99IS						
1/100W	1/825X	1/99IS						
1/115D	1/82C	1/99IS						

**ABBRA STANDARD/DESKTOP/SCIENTIFIC CALCULATORS**  
 2512 DT-394 HC205  
 DB453B EB-964 HL-125  
 DT120Vplus HC105 I/AS-270LA  
 DT210 HC115 SC-120  
 DT303 HC133 SC582  
 DT-393 HC193

**OLYMPIA STANDARD/DESKTOP/SCIENTIFIC CALCULATORS**  
 AFCUS 1 LCD-612ST SD-905M  
 HL-110 SD-100H SD-81H  
 HL-88L SD-100HW SD-828  
 LCD-186 SD-100V SD-335

**OTHER BRANDS**  
 CEBAR CD-02 KARCE KC 250 TIME BIRD SJC-122  
 DAL 508X KARCE KC 539 TAKSUN TS-128  
 LIFE LONG TEXAS TI 30 TAKSUN TS-217  
 TL 30XS PORPO YH-105 TAKSUN TS-1288  
 KARCE-833 PORPO YH-106

## CONTACT DETAILS

### POSTAL MAIL ADDRESS

1711J Statistical Society  
 Institute of Statistics (INSTAT)  
 3rd floor, Wing C  
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### SHARP STANDARD/DESKTOP/SCIENTIFIC CALCULATORS

EL-338F	EL-520V	EL-520V (BK)
EL-339H	EL-520VA	EL-520VA
EL-376S	EL-520V	EL-520V
EL-376S	EL-531GH	EL-531GH
EL-144A	EL-531RH	EL-531RH
EL-125A	EL-531VH	EL-531VH
EL-145A	EL-5011BK	EL-5011BK
EL-233S	EL-501V	EL-546L
EL-231L	EL-501V	EL-546VA
EL-240S	EL-506P	EL-556G
EL-242A	EL-506R	EL-6053
EL-243S	EL-506V	EL-5750
EL-295S	EL-6810	EL-6810
EL-310A	EL-509D	EL-6850
EL-310A-GR	EL-509G	EL-771C
EL-327S	EL-509R	EL-A1332
EL-330A	EL-509	EL-A1711G
EL-331A	EL-509V	EL-A1711G
EL-334F	EL-510R	EL-A1711G
EL-337C	EL-520G	EL-A1711G

### HEWLETT-PACKARD STANDARD/DESKTOP/SCIENTIFIC CALCULATORS

HP 9S	HP Office Calc 100	HP Quickcalc
HP 10S	HP Office Calc 200	Lifestyle
HP305	HP Office Calc 300	
HP Smartcalc 300S	HP Easycalc 100	

### CITIZEN STANDARD/DESKTOP/SCIENTIFIC CALCULATORS

CT-580	SDC-8610	SLD-7008
ET-210	SDC-8610A	SLD-742N
SDC-84407E	SDC-8620A	STL-795
SDC-8560	SDC-8975	TL-780
W-11S		

### CANON STANDARD/DESKTOP/SCIENTIFIC CALCULATORS

AD-11	KS-20 TG	LS-103TC
BS-1200TS	KC-20	LS-100T
CC-85	KS 1200TS	LS-120 HI
F-602	LC-210 HI II	LS-120 RS
F-702G	LC-210HI	LS-120 TU
F-604	LC-210HI B	LS-120 V
F-710	LC-210HI G	LS-1200T
F-715S	LC-210HI II G	LS-120H
F-720	LC-210HI II GR	LS-120HI
F-760S	LC-210HI II PB	LS-120H II
F-768DX	LC-210HI Y	LS-120H
FC-45S	LC-500H B	LS-120RS
FC-4S	LC-500H G	LS-120TSG
HS-1000TG	LS-10 DT	LS-120TV
HS-1200 T	LS-100 TSV	LS-120V
HS-1200 TV	LS-100TC	LS-120V II
HS-1200RS	LS-100TS	LS-120V-B
HS-1200TS	LS-101H	LS-120V-G
HS-1200TV	LS-102Z	LS-120V-P
HS-1210TC		LS-121C
HS-1219TC		LS-122R