



Republic of the Philippines
Department of Education
REGION III-CENTRAL LUZON

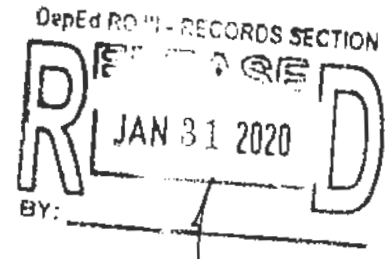
ADVISORY

No. 232 s. 2020

TO : Schools Division Superintendents

FROM : The Regional Director

SUBJECT : **ESTADISTIKA 2020**



1. This is to inform all concern that the UPLB Statistical Society annual activity Estadistika 2020 will be held on March 7, 2020 at the University of the Philippines Los Baños.
2. Letter dated November 17, 2019 from John Jerwin L. Evardone, Steering Committee Head is attached for more details.


NICOLAS T. CAPULONG, PhD, CESO V
Director III
Officer-In-Charge
Office of the Regional Director

Incl : As stated
ESSD1/essd8
January 27, 2020



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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

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SENIOR ADVISER

November 17, 2019

DR. NICOLAS T. CAPULONG

Regional Director

Department of Education, Region III

Maimpis, City of San Fernando, Pampanga

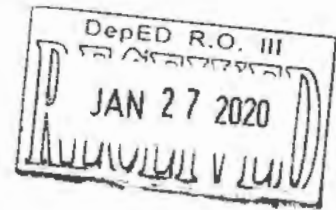
Dear Dr. Capulong:

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 27th and 28th 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 14th 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.

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

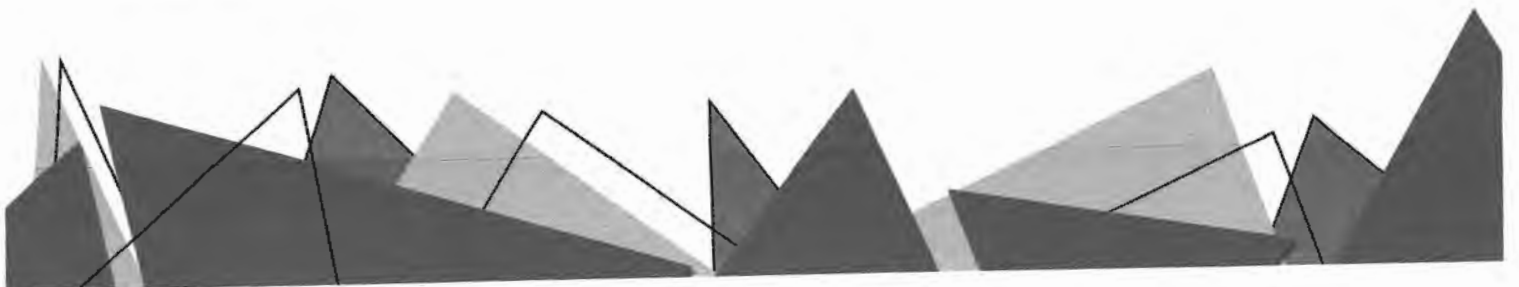
Junior Adviser

Prof. Marie Joy F. Lopez-Relente

Junior Adviser

Dr. Nancy A. Tandang

Senior Adviser





UPLB STATISTICAL SOCIETY

presents



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://tinyurl.com/esta2020>" 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

ELIMINATION ROUND

- 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 question.

EASY ROUND: Ten (10) seconds

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

Mechanics for Sudden death/ Knock-out

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, thus, the remaining two other teams will be given other 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.

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

+ Certificates of Recognition, Medals and a Plaque of Recognition

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.

• 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.

• 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.

• Two (2) hours 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%
TOTAL	100%

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%
TOTAL	100%

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%
Appeal	20%
Photography Technicalities	15%
TOTAL	100%

PRIZES

1st Place	1,000 Pesos
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+ Certificate of Recognition and Medal

LIST OF ALLOWABLE CALCULATORS

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

CASIO STANDARD/DESKTOP/SCIENTIFIC CALCULATORS

530	fx-115MS	fx-82ES
20V	fx-115S	fx-82ES PLUS
470LA	fx-122S	fx-82LB
D-100V	fx-220	fx-82LP
D-120TE	fx-250HC	fx-82MS
D-120TV	fx-260	fx-82Super
D-208H	fx-300SA	fx-82SX
D-20L	fx-300W	fx-82TL
D-20M	fx-350D	fx-85B
D-40L	fx-350ES	fx-85ES
D-60L	fx-350ES PLUS	fx-85ES PLUS
D-60M	fx-350HA	fx-85MS
DF100	fx-350MS	fx-85S
DF120TM	fx-350TL	fx-85SA
DF120TV	fx-350TLG	fx-901
DF-240LB	fx-350W	fx-911W
DF-320TM	fx-401	fx-95
DJ-120T	fx-451M	fx-95MS
DJ-220	fx-501A	fx-991ES
DJ-240	fx-500ES	fx-991ES PLUS
DM-1200T	fx-506G	fx-991H
DM-1200TEV	fx-506M	fx-991MS
DM-1400TV	fx-509D	fx-991N
DM-1600	fx-509G	fx-991S
DM-1600TV	fx-520G	fx-991W
DN-858A	fx-531GH	fx-992S
DS-10TV	fx-546D	fx-992VB
DS-120TV	fx-570AD	HC100
DS-1800S	fx-570ES	HL-100LB
DS-1TV	fx-570ES PLUS	HL-1221
DS-208H	fx-570MS	HL-4
DS-20TV	fx-570S	HL-815L
DS-2TV	fx-570W	HL-820LV
DS-3V	fx-580	HL-820V
DS-881	fx-580D	HL-821
DW120TV	fx-65	HS-8LE
fx-95ES PLUS	fx-75	J-120TE
fx-100D	fx-82	JF-120TV
fx-100MS	fx-820MS	JF-200TV
fx-100S	fx-824	JS-10LA
fx-100W	fx-825X	JS-10TV
fx-115D	fx-82C	JS-110TV

JS-120TV	MS-120TE	NS-310TM
JS-140V	MS-120TV	O-40M
JS-20LA	MS-170LA	SL-100L
JS-20TV	MS-170T	SL-100VC
JS-40LA	MS-20TV	SL-1000TV
JS-40V	MS-20V	SL-1100
JS-SC	MS-240T	SL-2C0TE
JW120TV	MS-270LA	SL-210TE
JW200	MS-270T	SL-220TE
LC-1000T	MS-310TM	SL-300LV
LC-1000T/TV	MS-350	SL-300TV
LC-160LV	MS-373	SL-305TE
LC-401B	MS-470	SL-315TV
LC-401D/LV	MS-470LA	SL-320TV
LC-403LD	MS-470LB	SL-320V
LC-403LD/TV	MS-5VC	SL-340VA
M-7LB	MS-7T	SL-760LB
MJ-100	MS-808V	SL-787LT
MJ-100T	MS-80TE	SL-797LT
MJ-120T	MS-80TV	SL-910TM
MS-1002	MS-812TV	SX-100
MS-100TE	MS-8T	SX-220
MS-100TV	MS-8TV	SX-300
MS-10TE	MW-5V	SX-300P
MS-10TV	MW-8V	SX-320P
MS-10V	MX8V	WD-220T
MS-10VC	NS-10T	WM-200T
MS-115	NS-20T	WM-220T

CANON STANDARD/DESKTOP/SCIENTIFIC CALCULATORS

AD-11	HS-20 TG	LS-103TC
BS-1200TS	KC-20	LS-10DT
CC-55	KS-1200TS	LS-120 HI
F-502	LC-210 HI II	LS-120 RS
F-502G	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-720i	LC-210HI II PB	LS-120HI II
F-760S	LC-210HI Y	LS-120RS
F-788DX	LC-500H B	LS-120TS
FC-45S	LC-500H G	LS-120TS
FC-4S	LS-10 DT	LS-120TU
HS-1000TG	LS-100 TSV	LS-120V
HS-1200 T	LS-100DT	LS-120V II
HS-1200 TV	LS-100TC	LS-120V-B
HS-1200RS	LS-100TS	LS-120V-G
HS-1200TS	LS-100TSV	LS-120V-P
HS-1200TSV	LS-101H	LS-121TC
HS-1210TC	LS-102Z	LS-122R

LS-123TC	LS-88Hi	TS-1200TG
LS-12TC	LS-88Hi II	TS-120TL
LS-12TU	LS-88HV B	TS-120TS
LS-153TS	LS-88HV G	TS-121TC
LS-154H	LS-88HV Y	TX-1210 E
LS-154TG	LS-88V	TX-1210Hi
LS-22TC	LS-88V II	TX-1210Hi II
LS-270H	LS-OT	TX-12H
LS-270V II	MP-120LTS	WS-112H
LS-330H	MP-121ILTS	WS-1200TV
LS-355TS	MP-121DTS	WS-1210Hi
LS-39H	MP-1411LTS	WS-1210Hi II
LS-565H	P1-DTS II	WS-1210T
LS-63TG	P23-DTS II	WS-1410 T
LS-82Z	P3420-DL	WS-1610 T
LS-83TC	TS-10TS	
LS-88 L	TS-120 TL	

SHARP STANDARD/DESKTOP/SCIENTIFIC CALCULATORS

CH-312	EL-338F	EL-520V
CH-412	EL-339H	EL-520V (BK)
CH-612	EL-375S	EL-520VA
EL-124A	EL-378S	EL-520W
EL-144A	EL-379S	EL-531GH
EL-125A	EL-421M	EL-531RH
EL-145A	EL-500LI	EL-531VH
EL-212S	EL-501 (BK)	EL-531W
EL-233S	EL-501V	EL-546L
EL-231L	EL-501W	EL-546VA
EL-240S	EL-506P	EL-556G
EL-242M	EL-506R	EL-6053
EL-243S	EL-506V	EL-6750
EL-250S	EL-506W	EL-6810
EL-310A	EL-509D	EL-6850
EL-310A-GR	EL-509G	EL-771C
EL-327S	EL-509R	EL-M332
EL-330A	EL-509V	EL-M711G
EL-331A	EL-509V/531V	EL-W211G
EL-334F	EL-510R	EL-W531
EL-337C	EL-520G	-

HEWLETT-PACKARD STANDARD/DESKTOP/SCIENTIFIC CALCULATORS

HP 9S	HP Office Calc 100	HP Quickcalc
HP 10S	HP Office Calc 200	Lifestyle
HP30S	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		

AURORA STANDARD/DESKTOP/SCIENTIFIC CALCULATORS

2512	DT-394	HC205
DB453B	EB-964	HL-125
DT120Vplus	HC106	MS-270LA
DT210	HC115	SC-120
DT303	HC133	SC582
DT-393	HC193	

OLYMPIA STANDARD/DESKTOP/SCIENTIFIC CALCULATORS

ARCUS 1	LCD-612ST	SD-805M
HL-110	SD-100H	SD-81H
HL-88L	SD-100HW	SD-828
LCD-186	SD-100V	SD-335

OTHER BRANDS

CEBAR CD402	KARCE KC 250	TIME BIRD SJC-122
DAL 506X	KARCE KC 539	TAKSUN TS-128
LIFELONG	TEXAS TI 30	TAKSUN TS-217
TL 30XS	PORPO YH-105	TAKSUN TS-128B
KARCE-833	PORPO YH-106	

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