



Republic of the Philippines
DEPARTMENT OF EDUCATION
Region VII, Central Visayas
SCHOOLS DIVISION OF NEGROS ORIENTAL
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DIVISION MEMORANDUM

October 29, 2019


No. 721, s. 2019

PHILIPPINE NATIONAL CHEMISTRY OLYMPIAD – PROVINCIAL LEVEL COMPETITION

TO: Assistant Schools Division Superintendents
Chiefs, CID & SGOD
Division Education Program Supervisors/Coordinators
Public Schools District Supervisors/District in Charge
Public Elementary/Secondary School Heads
All Other Concerned

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1. Attached is a communication from Silliman University Chemistry Department dated September 25, 2019.
 2. For details, see attached communication.
 3. For the information and guidance of all concerned.

For the Schools Division Superintendent:


NILITA L. RAGAY, Ed.D.
OIC, Assistant Schools Division Superintendent
Office In-Charge *4 10/28/19*

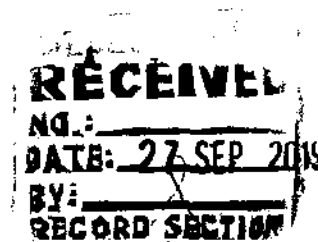
20 OCT 2019



CHEMISTRY DEPARTMENT
COLLEGE OF ARTS & SCIENCES
SILLIMAN UNIVERSITY
Building Competence, Character & Faith

25 September 2019

Dr. Wilfreda D. Bongalos, CESO V
School Division Superintendent
Department of Education
Province of Negros Oriental



Attn : **Mr. Arnold R. Jungco**
ESP – Science

Dear Dr. Bongalos:

Greetings!

The Silliman University Chemistry Department will host the **PHILIPPINE NATIONAL CHEMISTRY OLYMPIAD – *Provincial Level Competition*** on **09 November 2019 at the Science Complex Hall (SC 110) at 10:00 AM.**

The participating students must be Filipino citizens enrolled in High Schools at the time of the 19th PNCO 2020 Regional (23 November 019) and the National (to be announced after the regional elimination) competitions.

Attached is the detailed competition rules and mechanics for your reference.

Your positive response to this invitation will highly be appreciated.

Thank you very much.

Sincerely,

Jonathan E. Pa-a, PhD; RCh.
Chairperson / 0918-479-3934

Endorsed by: 
Dr. Mae Frigitt Bernadel L. Villordon
Dean, College of Arts and Sciences



19PNCO2020

REGIONAL ELIMINATIONS

Rules and Mechanics:

I. Participation/ Registration

1. QUALIFICATIONS

The participants must be Filipino citizens enrolled as high school students at the time of the 19th PNCO 2020 Regional and National competitions. (Note: To qualify for ICHO 2020, students must not be enrolled/registered as college students during the duration of ICHO 2020).

Effective Nov 23, 2019; students are also allowed to participate in the PNCO (and ICHO) no more than twice.

2. REGIONAL ELIMINATIONS

- The 19PNCO2020 Regional Eliminations will be held simultaneously across the country on **23 November 2019 (Saturday)** to be hosted by their respective Regional Organizer/s.
- A registration fee will be collected by the Regional Organizer. An official receipt must be issued by the receiving regional organizer to the participants. The fee will be used to defray the cost of production and distribution of the contest materials.
- A maximum of THREE (3) participants per school may register.

II. Contest Coverage:

Atomic theory	Precipitation Reactions (Ksp)	Intermolecular forces
The Periodic Table	Oxidation-Reduction reactions	Phase Diagram
Trends in Periodic Properties	Enthalpy	Concentration of solutions
The Mole	Entropy	Colligative Properties
Stoichiometry	Free Energy	Electrochemistry
Chemical bonding	Calorimetry	Nuclear chemistry
Ionic and covalent compounds	Atomic and molecular orbitals	Classes of organic compounds
Acids and Bases (pH, K _a , K _b)	Orbital hybridization	Functional groups
Chemical Equilibria	Molecular Geometry	Organic reaction mechanisms
Classes of Chemical Reactions	Lewis structures	Organic spectroscopy (H-NMR, C-13 NMR, IR, Mass Spec)
Chemical Kinetics	Gas Laws	

III. Contest Proper

For 19PNCO2020 Regional Eliminations [Saturday, 23 November 2019]:

- The regional contests will be handled by the regional coordinating organizations. Inquiries about letters of invitation, etc. may be addressed to them accordingly. The PNCO National Committee shall coordinate and formally recognize the official regional organizers.
- The regional organizers are expected to send out an invitation. Interested parties must feel free to inform the organizers of their intent to participate.
- Regional organizers must notify the PNCO National Committee through the secretariat of their intent to conduct the regional eliminations by sending an email.
- Regional organizers must notify the Committee of the following details **on or before 23 November 2019**:
 - Number of participants
 - Complete Name, Address and contact number/s of the person who will officially receive the questionnaires and answer sheets. Please refer to the list of organizers/ coordinators per region.





PHILIPPINE FEDERATION OF CHEMISTRY SOCIETIES, INC.

Unit 233 Citiland Pioneer, 128 Pioneer St., Highway Hills, Mandaluyong City 1552 Philippines

PHILIPPINE NATIONAL CHEMISTRY OLYMPIAD (PNCO)



5. The quiz will be in written format. The written format is the minimum mode of contest for the Regionals and that the regional organizers may opt to enhance the competition with a quiz bee or laboratory skills portion.
6. The questionnaires with answer keys (50-60 items) will be delivered to the designated regional coordinators via courier/ email on **22 November 2019**.
7. The papers will be graded by a team appointed by the regional coordinator and the results will be transmitted to the PNCO National through PNCO secretariat (jenclemsy@yahoo.com). Please refer to the format for 19PNCO2020 Regional Elimination Results.
8. The top FIVE (5) winners (Champion, 1st Runner-up, 2nd Runner-up, 3rd Runner-up and 4th Runner-up) from each region, after endorsement by the regional coordinators, will move up to the national level.

IV. Awards

1. Each participant and coach will be given certificate of participation and certificate of attendance. Winners will receive certificates.


For inquiries, you may contact:

PNCO Secretariat (Jennifer Sy) jenclemsy@yahoo.com / 0917 8311473

For other details and announcements:

<https://www.facebook.com/groups/philippinenationalchemistryolympiad/?fref=ts>
http://groups.yahoo.com/neo/groups/kkp_phils/info

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