### PROGRAM OF THE CHEMISTS LICENSURE EXAMINATION
**IN MANILA, CAGAYAN DE ORO AND CEBU**  
**ON OCTOBER 8 and 9, 2019**

<table>
<thead>
<tr>
<th>DATE AND TIME</th>
<th>SUBJECTS</th>
<th>WEIGHT</th>
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<tbody>
<tr>
<td>TUESDAY, OCTOBER 8, 2019</td>
<td>GENERAL INSTRUCTIONS AND FILLING OUT OF FORMS</td>
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<tr>
<td>7:00 a.m. – 7:45 a.m.</td>
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| 8:00 a.m. – 12:00 p.m. | INORGANIC CHEMISTRY  
Fundamentals of inorganic chemistry; periodicity and inorganic reactions, including transition metal chemistry; and characterization of inorganic compounds | 25% |
| 1:00 p.m. – 5:00 p.m. | ANALYTICAL CHEMISTRY  
Fundamentals of qualitative and quantitative chemical analysis and instrumental analysis | 25% |
| WEDNESDAY, OCTOBER 9, 2019 | PHYSICAL CHEMISTRY  
Principles of physical chemistry, including introductory quantum theory, thermodynamics and equilibria, and chemical kinetics | 20% |
| 8:00 a.m. – 11:00 a.m. | | |
| 12:00 p.m. – 2:30 p.m. | ORGANIC CHEMISTRY  
Fundamentals of organic chemistry, characterization and reactions of organic compounds | 15% |
| 2:30 p.m. – 5:00 p.m. | BIOCHEMISTRY  
Structural chemistry, function of the components and chemical reactions in living matter, basic chemistry in the flow of biological information | 15% |

**GENERAL INSTRUCTIONS:**

**THIS EXAMINATION WILL BE COMPUTERIZED**

1. Check or verify your school/building assignments at the PRC official website (www.prc.gov.ph) or through the Notices/Announcements to be posted at the PRC premises two (2) to three (3) working days before the examination. Bring your NOTICE OF ADMISSION when you verify your school/building assignment prior to the day of the examination.

2. Report to your school/building assignment before 6:30 A.M. on the first day of the examination to verify your room and seat number. Be punctual. Late examinees will not be admitted.

3. Examinees are required to wear the following attire every examination day:
   - Male Examinees – White polo or shirts with collar, tucked-in (without any seal, logo or mark)  
     Decent pants or slacks
   - Female Examinees – White blouses or shirt with collar (without any seal, logo or mark),  
     Decent pants or slacks/skirts

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**PRC Building Paredes St., Sampaloc**  
Manila, 1008 Philippines  

www.prc.gov.ph  

**Philippine International Convention Center**  
Sotto St., Pasay City, 1307 Philippines
4. Bring the following on the days of the examination:
   a. Notice of Admission
   b. Official Receipt
   c. Two or more pencils (No. 2)
   d. Ballpen with BLACK ink only
   f. One (1) piece Long Brown Envelope
   g. One (1) piece Long Transparent (non-colored) Plastic Envelope (for keeping your valuables and other allowed items)
   h. Calculators with the following features only – addition, subtraction, multiplication, division, trigonometric function, logarithm and $x^y$

   NOTE: ONLY ONE BASIC CALCULATOR SHALL BE ALLOWED INSIDE THE EXAMINATION ROOM, CALCULATORS SHALL BE INSPECTED.

5. The following items are strictly prohibited inside the examination premises/rooms:
   a. Calculators which are programmable or with embedded functions especially CASIO FX991ES and CASIO FX-991ES plus
   b. Books, notes, review materials, and other printed materials;
   c. APPLE, SAMSUNG AND OTHER SMART WATCHES, CELLULAR PHONES, BLUETOOTH, EAR PLUGS, TRANSMITTERS, PORTABLE COMPUTERS AND OTHER ELECTRONIC GADGETS/DEVICES;
   d. Bags of any kind (ladies bag, shoulder bags, attache' case, backpacks, etc.);
   e. Other examination aids not stated in the program.

6. Read carefully and follow the instructions on your NOTICE OF ADMISSION and EXAMINEES GUIDE.

Manila, Philippines

2019

APPROVED:

ADORACION P. RESURRECCION
Chairperson

CERTIFIED CORRECT:

ATTY. LOVELIKA T. BAUTISTA
Chief, PRB Secretariat Division
### PROGRAM OF THE CHEMICAL TECHNICIANS LICENSURE EXAMINATION IN MANILA, CAGAYAN DE ORO AND CEBU ON OCTOBER 10, 2019

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<tr>
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<tr>
<td>THURSDAY, OCTOBER 10, 2019</td>
<td>GENERAL INSTRUCTIONS AND FILLING OUT OF FORMS</td>
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<tr>
<td>8:00 a.m. – 12:00 p.m.</td>
<td>ANALYTICAL CHEMISTRY Practical aspects of qualitative and quantitative chemical analysis</td>
<td>50%</td>
</tr>
<tr>
<td>1:00 p.m. – 5:00 p.m.</td>
<td>ORGANIC CHEMISTRY Fundamentals of basic and practical organic chemistry</td>
<td>50%</td>
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Manila, Philippines 2019

APPROVED:
ADORACION P. RESURRECCION
Chairperson

CERTIFIED CORRECT:

ATTY. LOVELIKA T. BAUTISTA
Chief
PRB Secretariat Division

PRB-CHMD-SPRB
APR/LTB/e/a