## PROGRAM OF THE GEOFATIE ENGINEERS LICENSURE EXAMINATION IN RIYADH, JEDDAH AND AL-KHOBAR, KSA; ABU DHABI, UAE; DOHA, QATAR; AL AHMADI, KUWAIT; AND MANAMA, KINGDOM OF BAHRAIN ON AUGUST 12 AND 13, 2019

<table>
<thead>
<tr>
<th>DATE AND TIME</th>
<th>SUBJECTS</th>
<th>WEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>MONDAY, AUGUST 12, 2019</td>
<td><strong>GENERAL INSTRUCTIONS/FILLING OUT OF FORMS</strong></td>
<td></td>
</tr>
<tr>
<td>7:00 A.M. - 7:45 A.M.</td>
<td><strong>LAWS, RULES AND REGULATIONS</strong> (includes Public Land Laws and Natural Resources, Laws on Property, Land Reform Laws, Land Registration Laws on Obligation and Contracts, Professional and Ethical Practice, Rules and Regulations Governing Land Surveying)</td>
<td>20%</td>
</tr>
<tr>
<td>8:00 A.M. - 10:00 A.M.</td>
<td><strong>MATHEMATICS</strong> (includes Algebra, Solid Geometry, Analytical Geometry Engineering Economics, Plane and Spherical Trigonometry, Differential and Integral Calculus, Mechanics and Least Squares)</td>
<td>20%</td>
</tr>
<tr>
<td>11:00 A.M. - 2:00 P.M.</td>
<td><strong>THEORY AND PRACTICE OF SURVEYING</strong> (includes Property Surveying, Isolated Mineral and Mining Surveys, Cadastral Land Surveying, Astronomy, Route Surveys and Earthworks, Hydrographic and Topographic Surveying, Photogrammetry, Engineering Surveys and Construction Surveying)</td>
<td>20%</td>
</tr>
<tr>
<td>3:00 P.M. - 6:00 P.M.</td>
<td><strong>GEODESY</strong> (includes Geodetic Surveying, Geodetic Astronomy, Geodetic Triangulation, Geodetic Leveling, Gravity Measurement and Least Squares)</td>
<td>20%</td>
</tr>
<tr>
<td>TUESDAY, AUGUST 13, 2019</td>
<td><strong>CARTOGRAPHY</strong> (includes Plotting and Mapping of Isolated, Mineral, Cadastral, Hydrographic, Photogrammetric Surveys and Map Projection)</td>
<td>20%</td>
</tr>
<tr>
<td>8:00 A.M. - 12:00 NOON</td>
<td><strong>TOTAL</strong></td>
<td>100%</td>
</tr>
<tr>
<td>1:00 P.M. - 4:00 P.M.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
IMPORTANT:
1. The NOTICE OF ADMISSION will be issued at the POLO/testing centers.

2. Please bring the original documents with you for final evaluation and four (4) pieces passport size pictures with nametag.

3. Bring the following on examination days:
   a. Two (2) or more pencils (No. 2)
   b. Ballpens with BLACK ink only
   c. One (1) piece long brown envelope
   d. One (1) piece long transparent/plastic envelope (for keeping your valuables and other allowed items)
   e. Calculators with the following features only-addition, substraction, multiplication, division, trigonometric function, logarithm and x^n

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

4. The following are PROHIBITED inside the examination premises/rooms.
   a. Books, notes, review materials, and other printed materials containing coded data/information/formula.
   b. Calculators which are programmable or with embedded functions especially CASIO FX991ES and CASIO FX-991ES plus;
   c. SMART WATCHES, CELLULAR PHONES, BLUETOOTH, EAR PLUGS, TRANSMITTERS, PORTABLE COMPUTERS AND OTHER ELECTRONIC GADGETS/DEVICES WHICH MAY BE USED FOR COMMUNICATION PURPOSES.
   d. Bags of any kind (ladies bag, shoulder bags, attaché case, backpacks, etc.)
   e. Other examination aides not stated on this program.

5. Read carefully and follow the instructions on your Notice of Admission and Examinees Guide.

FOR THE GUIDANCE OF ALL EXAMINEES.

Manila, Philippines

APPROVED:

Chairman

CERTIFIED CORRECT:

LOVELIKA T. BAUTISTA
Chief, PRB Secretariat Division