



Republic of the Philippines  
Professional Regulation Commission  
Manila



PROFESSIONAL REGULATORY BOARD OF CIVIL ENGINEERING

**PROGRAM OF THE CIVIL ENGINEERS LICENSURE EXAMINATION TO BE GIVEN IN THE CITIES OF MANILA, BAGUIO, CAGAYAN DE ORO, CEBU, DAVAO, ILOILO, LEGASPI, LUCENA, TACLOBAN, TUGUEGARAO AND ZAMBOANGA ON NOVEMBER 9 AND 10, 2019**

DATE AND TIME	SUBJECTS	RELATIVE WEIGHT
<b><u>SATURDAY, NOVEMBER 9, 2019</u></b>		
7:00 A.M. – 7:45 A.M.	General instruction and filling out of forms. Thorough inspection of calculators.	
8:00 A.M. – 1:00 P.M.	<b><u>MATHEMATICS, SURVEYING AND TRANSPORTATION ENGINEERING</u></b> Algebra, Plane and Spherical Trigonometry, Analytic Geometry, Descriptive and Solid Geometry, Differential and Integral Calculus, Highway and Railroad Surveying, Plane Topographic and Hydrographic Surveying, Advanced Surveying, Design and Construction of Highways and Railroads, Piers, Ports and Wharves.	35%
2:00 P.M. – 6:00 P.M.	<b><u>HYDRAULICS AND GEOTECHNICAL ENGINEERING</u></b> Fluid Properties; Hydrostatic Pressures; Fluid Flow; Buoyancy and Flotation; Relative equilibrium of Liquids; Hydrodynamics; Water Supply Soil Properties; Soils Classification; Fluid Flow through Soil Mass; Stresses in Soil Mass; Soil Strength and Tests; Bearing Capacity; Compaction; Consolidation and Settlement; Lateral Earth Pressures; Slope Stability	30%
<b><u>SUNDAY, NOVEMBER 10, 2019</u></b>		
8:00 A.M. – 1:00 P.M.	<b><u>STRUCTURAL ENGINEERING AND CONSTRUCTION</u></b> Engineering Mechanics; Strength of Materials; Theory of Structures; Analysis and Design of Concrete; Steel; Timber Structures and Foundation with the application of the governing Codes of Practice	35%
	<b>TOTAL</b>	<b>100%</b>

**GENERAL INSTRUCTIONS:**

1. Check or verify your school/building assignments at the PRC official website ([www.prc.gov.ph](http://www.prc.gov.ph)) or through the Notices/Announcements to be posted at the PRC premises two (2) or three (3) working days before the examination. Bring your **NOTICE OF ADMISSION** when you verify your school/building assignment. Visit 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 (1<sup>st</sup>) day of the examination to verify your room and seat number. Be punctual. Late examinees will not be admitted.

