



Republic of the Philippines  
Professional Regulation Commission  
Manila

- NOT FOR SALE -

**PROFESSIONAL REGULATORY BOARD OF CIVIL ENGINEERING**

**PROGRAM OF THE CIVIL ENGINEERS LICENSURE EXAMINATION TO BE GIVEN IN THE CITIES OF NATIONAL CAPITAL REGION, BAGUIO, CAGAYAN DE ORO, CEBU, DAVAO, ILOILO, KORONADAL, LEGASPI, LUCENA, PAGADIAN, PAMPANGA, ROSALES, TACLOBAN, TUGUEGARAO, ZAMBOANGA, AND BUTUAN ON NOVEMBER 19 AND 20, 2022**

<b>DATE AND TIME</b>	<b>SUBJECTS</b>	<b>RELATIVE WEIGHT</b>
<b><u>SATURDAY, NOVEMBER 19, 2022</u></b>		
7:00 A.M. – 7:45 A.M.	<b>GENERAL INSTRUCTIONS FILLING OUT OF FORMS SUBMISSION OF HEALTH DECLARATION, INFORMED CONSENT, AND COVID RT-PCR TEST RESULT OR CERTIFICATE OF QUARANTINE THOROUGH INSPECTION OF CALCULATORS</b>	
8:00 A.M. – 1:00 P.M.	<b><u>APPLIED MATHEMATICS, SURVEYING, PRINCIPLES OF TRANSPORTATION AND HIGHWAY ENGINEERING, CONSTRUCTION MANAGEMENT AND METHODS</u></b> Calculus; Differential Equations; Engineering Data Analysis; Numerical Methods; Physics for Engineers; Economics; Construction Surveying and Layout; Materials for Construction; Highway Engineering; Construction Occupational Safety and Health; Transportation Engineering; Quantity Surveying; Construction Management Principles and Methods	<b>35%</b>
2:00 P.M. – 6:00 P.M.	<b><u>HYDRAULICS AND PRINCIPLES OF GEOTECHNICAL ENGINEERING</u></b> Fluid Properties; Hydrostatics; 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	<b>30%</b>
<b><u>SUNDAY, NOVEMBER 20, 2022</u></b>		
8:00 A.M. – 1:00 P.M.	<b><u>PRINCIPLES OF STRUCTURAL ANALYSIS AND DESIGN</u></b> Engineering Mechanics; Strength of Materials; Theory of Structures; Reinforced Concrete Beams and Columns; Prestressed Concrete Beams; Steel Beams, Columns and Connections, Footings, Construction Materials Testing; Application of the Governing Codes of Practice	<b>35%</b>
	<b>TOTAL</b>	<b><u>100%</u></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 5:30 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.
3. Examinees are required to wear the following attire every examination day:
  - Male examinees - Tucked-in white polo shirt with collar (without any seal, logo or mark)  
Decent pants or slacks
  - Female examinees - Tucked-in white blouse or shirt with collar (without any seal, logo or mark)  
Decent pants, slacks or skirts  
Pony-tailed long hair
4. Bring the following on the days of the examination:
  - a. Notice of Admission
  - b. Official Receipt
  - c. Two (2) or more pencils (No. 2)
  - d. One (1) piece long brown envelope
  - e. One (1) piece long transparent/non-colored plastic envelope (for keeping your valuables and other allowed items)
  - f. **NON-PROGRAMMABLE CALCULATORS. ONLY ONE (1) CALCULATOR IS ALLOWED INSIDE THE EXAMINATION ROOM. ALL CALCULATORS SHALL BE THOROUGHLY INSPECTED BY THE EXAMINATION PERSONNEL (Please refer to Annex A on the List of Allowed Calculators for the CELE).**
  - g. Health Forms
  - h. **Negative RT-PCR Test Results, if applicable, or Certificate of Quarantine or Certificate or copy of the Complete Vaccination Card for fully vaccinated examinees to be submitted to the proctor on the examination day.**
5. The following are **PROHIBITED** inside the examination premises/rooms:
  - a. Books, notes, review materials, and other printed materials containing coded data/information/formula
  - b. **PROGRAMMABLE CALCULATORS AND CALCULATORS WITH EMBEDDED FUNCTIONS.**
  - 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, attache case, backpacks, etc.)
  - e. Other examination aids not stated in this program.
6. Per Joint Administrative Order No. 01 (s 2021)<sup>1</sup>, the following Health Standards for Examinees and PRC Examination personnel shall be observed.
  - 6.1. All examinees and examination personnel shall enforce the following precautionary measures among themselves:
    - 6.1.1. Observe physical distancing of at least two (2) meters between examinees. Examinees shall be restricted to their assigned seat;
    - 6.1.2. Wear face mask (at least 3-ply surgical mask, preferably N95 mask) and face shield<sup>2</sup> at all times;
    - 6.1.3. Bring 70% ethyl alcohol for hand disinfection;
    - 6.1.4. Wear latex gloves for exam personnel handling the test questionnaires;
    - 6.1.5. Avoid close contacts like “beso-beso”, hugging, handshake, and directly touching other persons;
    - 6.1.6. Avoid touching one’s eyes, nose, and mouth;
    - 6.1.7. When sneezing and/or coughing, facial tissues must be used to wipe the nose and mouth areas. Dispose of used facial tissues properly; and
    - 6.1.8. Avoid spitting in public, on floors, and **along** corridors.

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<sup>1</sup> PRC, DOH, and PNP JAO, entitled “Revised Standard Guidelines on the Strict Observance of Health Protocols in the Conduct of Licensure Examinations during Public Health Emergency and/or Pandemic”

<sup>2</sup> Because the exam room is an enclosed area for eight (8) hours, it is highly advisable for the examinees to wear their face shields at all times.

- 6.2. Examinee shall submit the duly accomplished Informed Consent (Annex "A") and Health Declaration (Annex "B") forms with the Notice of Admission (NOA) and the negative RT-PCR test result/Quarantine Certificate or copy of the Complete Vaccination Card to the proctor on the examination day.

Informed Consent and Health Declaration Forms can be downloaded from the PRC official website ([www.prc.gov.ph](http://www.prc.gov.ph));

- 6.3. Examinees and examination personnel shall bring their own meals (pre-packed meal/snack and drink) to be eaten during breaks, on their assigned seats. Face masks and face shields will only be removed when taking meals or drinks.
  - 6.4. Windows will be opened to improve ventilation during breaks.
  - 6.5. Examinees shall bring their own pens, pencils, and erasers. Borrowing from a seatmate is strictly not allowed.
  - 6.6. Talking and loitering are prohibited in the hallways or in the examination room.
  - 6.7. Physical distancing shall be strictly observed in the queuing of the examinees entering the testing venues;
  - 6.8. All examinees and examination personnel shall undergo temperature scanning:
    - 6.8.1. Only examinees with a temperature of less than or equal to 37.5 degrees Celsius shall be allowed to enter the testing venue;
    - 6.8.2. Examinee with a temperature of more than 37.5 degrees Celsius (37.5°C) shall be referred to the Building Supervisor, who shall refer the concerned examinee to onsite medical doctor/personnel for assessment. The examinee will not be allowed to take the rest of the examination.
  - 6.9. Examinees shall proceed immediately to their designated examination rooms after the thermal scanning/screening.
  - 6.10. During the examination proper, the following shall be strictly observed:
    - 6.10.1. Watchers/Proctors and examinees shall practice social distancing measures at all times within the examination rooms, particularly when examinees submit their answer sheets and test booklets/questionnaires; only one examinee at a time shall be accommodated;
    - 6.10.2. Any examinee who needs to use the restroom shall be accompanied by a room watcher/proctor, always maintaining social distancing measures. Only one examinee at a time shall be allowed to go to the restroom. Proper hand hygiene shall be observed particularly every after use of the restrooms; and
    - 6.10.3. Protective facemasks and handkerchiefs/tissue shall be inspected by room watchers/proctors before the start of every subject and, if necessary, during the conduct of examination to ensure that they are not used to conceal codigos. In compliance with social distancing measures, the inspection shall be done one at a time, while the rest of the examinees are seated. Examinees must show all the angles of their facemasks and handkerchiefs to the room watcher/proctor for inspection, from a distance of at least one (1) meter from the examinee.
7. All examinees shall be required to download and fill-out a Post Examination Health Surveillance Form and submit the same fourteen (14) days after the examination through

the designated Regional Offices' email address. The said form can be downloaded from the PRC official website <http://www.prc.gov.ph>.

8. In addition to the above, the examinees are required to submit results of their RT-PCR or Saliva tests from any of the Department of Health (DOH) accredited facilities 3-5 days before the examination date/s, if falling under the groups stated in DOH Memorandum 2020-258A<sup>3</sup>. Only those examinees with negative results shall be allowed to take the examination.

If the examinee does not fall in the groups mentioned in DOH Memorandum 2588-A (s 2020), he/she shall be allowed to take the examination in the absence of RT-PCR test provided that he/she must undergo a fourteen (14)-day quarantine period wherein he/she is asymptomatic for at least fourteen (14) days prior to the scheduled examination date/s. Provided further that he/she has no close contact or exposure to the aforementioned cases. A Certificate of Quarantine or its equivalent signed by any of the following shall be submitted instead:

1. Duly licensed Physician (government or private physician);
2. Municipal Health Officer, Provincial Health Officer or City Health Officer;
3. Barangay Officer visiting the examinee's residence or examination personnel attesting that he/she has been in quarantine for fourteen (14) days.

Examinees coming from other countries are required to quarantine for fourteen (14) days in any government accredited facility and/or provide a negative RT-PCR/ Saliva test result whichever is shorter.

9. Please see this link <https://www.prc.gov.ph/sites/default/files/JAO%202021-01%20PRC%20DOH%20PNP.pdf> for detailed information on JAO 01(s 2021).
10. Read carefully and follow the instructions on your Notice of Admission and Examinees Guide.

**NOTE: PERSONAL BELONGINGS BROUGHT BY AN EXAMINEE SHALL BE FOR HIS/HER OWN ACCOUNT. THE PRC WILL NOT BE ANSWERABLE FOR ANY SUCH ITEM OR PERSONAL BELONGING THAT MIGHT BE LOST DURING THE EXAM WITHOUT FAULT OR NEGLIGENCE ON ITS PART.**

Manila, Philippines  
November 3, 2022

APPROVED:

  
**PRAXEDES P. BERNARDO**  
Chairperson

CERTIFIED CORRECT:

  
**MARCO ANGELO D. CABRERA**  
SPRO, PRB Secretariat Division

PRB-OCE/D-SPRB  
PPB/LTB/MADC/adc  
MADC

<sup>3</sup> Updated Interim Guidelines on Expanded Testing for COVID-19

**ANNEX "A"**

**SUBJECT: LIST OF ALLOWED CALCULATORS IN CIVIL ENGINEERING LICENSURE EXAMINATIONS**

**I. CASIO SCIENTIFIC CALCULATORS**

Fx-95MS	Fx-122S	Fx-350HA	Fx-82ES PLUS
Fx-100D	Fx-220	Fx-350MS	Fx-85MS
Fx-100MS	Fx-250HC	Fx-350TL	Fx-85W
Fx-100S	Fx-260	Fx-570AD	Fx-901
Fx-100W	Fx-300W	Fx-570MS	Fx-911W
Fx-115MS	Fx-350D	Fx-570S	Fx-991MS
Fx-115S	Fx-350ES PLUS	Fx-570W	Fx-991S
Fx-115WA	Fx-350EX	Fx-82EX	Fx-991W

**II. CANON SCIENTIFIC CALCULATORS**

F-502	F-710	F-718SG	F-720i
F-502G	F-718S	F-718SGA	F-760S
F-604	F-718SA	F-720	F-789SGA

**III. SHARP SCIENTIFIC CALCULATORS**

EL-500W	EL-506W	EL-510R	EL-531XH
EL-501V	EL-509D	EL-520G	EL-531W
EL-501W	EL-509R	EL-520VA	EL-546L
EL-501X	EL-509V	EL-520W	EL-546VA
EL-506P	EL-509W	EL-520X	EL-556G
EL-506V	EL-509X	EL-531VH	EL-W531

**IV. HEWLETT-PACKARD SCIENTIFIC CALCULATORS**

HP 9S	HP 10S	HP 30S	HP Smartcalc 300S
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**V. CITIZEN SCIENTIFIC CALCULATORS**

SR-135N	SR-260N	SR-270N	SR-270X	SR-281N
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**VI. AURORA SCIENTIFIC CALCULATORS**

AX-501	AX-528BL	AX-595TV	AX-597W	AX-600S
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**VII. OLYMPIA SCIENTIFIC CALCULATORS**

LCD 8110	LCD 9210	ES-570MS	ES-570ES PLUS
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**VIII. TEXAS INSTRUMENTS SCIENTIFIC CALCULATORS**

TI-30XA	TI-30XIIS	TI-30XS	TI-34	TI-36X PRO
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**IX. OTHER BRANDS**

KARCE KC-S991	KARCE KC-S3500
PORPO YH-105	PORPO YH-106
TAKSUN TS-98MS	TAKSUN TS-2000

