

National Electrology Theory Examination CIB

Effective June 01, 2018

Table of Contents

CANDIDATE INFORMATION BULLETIN (CIB).....	2
IMPORTANT INSTRUCTIONS	2
General.....	2
Standardized Administration	3
Prohibited Items	3
ELECTROLOGY THEORY EXAMINATION CONTENT OUTLINE.....	4
Domain Details	4
NATIONAL ELECTROLOGY THEORY EXAMINATION SAMPLE QUESTIONS.....	6
NATIONAL-INTERSTATE COUNCIL OF STATE BOARDS OF COSMETOLOGY (NIC)	
REFERENCES	8
Standard.....	8
Supplemental	8



CANDIDATE INFORMATION BULLETIN (CIB)

EXAMINATION CONTENT AND IMPORTANT INSTRUCTIONS

Please visit your official examination provider website OR www.nictesting.org for the most current bulletin prior to testing.

The National Electrology Theory Examination is a licensure examination for Electrology, developed by the National-Interstate Council of State Boards of Cosmetology (NIC).

This bulletin contains IMPORTANT INFORMATION regarding National Electrology Theory Examination content and references.

The time allowed for this examination is 90 minutes.

PLEASE REVIEW ALL INFORMATION CAREFULLY.

For each NIC National Theory Examination, there are multiple parts to every Candidate Information Bulletin (CIB):

- **Important Instructions and Examination Content Domain Sections** – This provides information and guidelines related to administration of the Theory examination and information about the scope of content covered in the examination.
- **References** – This provides a list of references used to develop and support the content covered in NIC examinations. References will be the same across exam types for each exam.

BE CERTAIN TO REVIEW ALL PARTS OF THIS NIC EXAMINATION CIB CAREFULLY!

IMPORTANT INSTRUCTIONS

General

- Do not leave the examination area without permission. Permission must be obtained to leave the examination area for any reason, including restroom usage or at the completion of the examination. *Picture ID is required for re-entry into the examination.*
- All examinations are administered in a testing environment.

Standardized Administration

Due to standardization of the NIC National Examinations, proctors and examiners are required to adhere to the following standards:

- With the exception of verbal instructions, proctors and examination administration personnel are NOT allowed to speak with candidates.
- If a candidate experiences an emergency situation, they may notify the proctor by raising their hand.

Prohibited Items

- The following provides examples of materials and actions that are prohibited in the examination room during the examination administration:
 - Possession of cellular phones, watches (of any kind), pagers, tablets, computers, projectors, cameras, or any other electronic or recording devices, printed materials, or handwritten notes.
 - Purses, bags, coats, hats, and any other personal items not directly needed to complete the examination, are not allowed.
- Communicating to other candidates or any examiner.
- Exhibiting disruptive behavior. The above referenced items or actions are not an exhaustive list.

Failure to comply with any of these conditions or exhibiting ANY behavior that suggests an effort to cheat will result in immediate dismissal from the examination and the candidates' actions reported to the proper authorities.

ELECTROLOGY THEORY EXAMINATION CONTENT OUTLINE

Domain Details

The following outlines the scope of content covered by the NIC National Electrology Theory Examination. The percentages represent the percentage of items from each domain. The examination contains 85 items, of which 75 items are weighted and contribute to the candidate's final score.

- I. Scientific Concepts (45%)
 - A. Infection Control and Safety Practices
 1. Identify how diseases and infections are caused and transmitted
 2. Apply principles of infection control
 - a. Levels of infection control
 - i. Cleaning/Sanitation
 - ii. Disinfection
 - iii. Sterilization
 - b. Contamination and cross-contamination
 3. Apply procedures for blood exposure incident
 4. Identify requirements of government agencies (e.g., CDC, OSHA, EPA, FDA)
 - B. Human Anatomy and Physiology
 1. Identify structure and functions of the skin
 2. Identify structure and growth cycle of hair
 3. Identify structure and functions of physiological systems
 - a. Nervous
 - b. Muscular
 - c. Circulatory

- d. Endocrine
 - C. Identify Signs and Symptoms of Conditions, Disorders, and Diseases Related to Skin and Hair
 - D. Basic Concepts of Electricity
 - 1. Recognize characteristics of electricity and electrical measurement
 - 2. Identify types of currents
 - a. Direct
 - b. Alternating
 - 3. Differentiate between modalities of Electrolysis
 - a. Galvanic
 - i. Anaphoresis
 - ii. Cataphoresis
 - b. Thermolysis
 - c. Blend
 - 4. Applies principles of electrical safety
- II. Electrology Procedures and Services (55%)
 - A. Client Consultation, Analysis and Documentation for Electrology Services
 - 1. Analyze condition of skin and hair
 - 2. Identify contraindications related to electrolysis service
 - 3. Identify how hair removal methods differ (e.g., waxing, depilatories, laser)
 - 4. Determine method and product selections
 - 5. Maintain client records (e.g., service history, medical history, release forms)
 - B. Items Utilized During Electrology Services
 - 1. Identify purpose function of items
 - a. Equipment (e.g., machine, magnification, treatment table)

- b. Implements (e.g., probe, tweezers)
 - c. Supplies, products, and materials (e.g., gloves, antiseptic, linens, drapes)
- C. Electrolysis Procedures
- 1. Indicate and demonstrate procedures for electrolysis methods
 - a. Client preparation
 - b. Electrolysis methods
 - i. Galvanic
 - ii. Thermolysis
 - iii. Blend
 - c. Probe selection, insertion, depth, and angle
 - 2. Perform post service processes
 - a. Cataphoresis
 - b. After care
 - c. Follow up

NATIONAL ELECTROLOGY THEORY EXAMINATION SAMPLE QUESTIONS

The following sample questions are similar to those on the NIC National Electrology Theory Examination. Each question is followed by four answer options. Only one option is correct. Correct answers (keys) are listed along with the sample questions.

- 1. Disease producing bacteria are called
 - A. Hyperemia.
 - B. Pathogenic.
 - C. Hypoallergenic.
 - D. Nonpathogenic.
- 2. Which of the following would result in the greatest production of lye?

- A. Increase both current and time
 - B. Decrease both current and time
 - C. Increase current and decrease time
 - D. Decrease current and increase time
3. Hair grows from the papilla by multiplication of the
- A. Matrix cells.
 - B. Stratum lucidum.
 - C. Papillary layer.
 - D. Reticular region.
4. What temporary method of hair removal accelerates the shedding of the horny layer of the skin?
- A. Bleaching
 - B. Depilatory
 - C. Threading
 - D. Clipping
5. Electrolysis is recognized as the only proven method of permanent hair removal by the
- A. Environmental Protection Agency (EPA).
 - B. Food and Drug Administration (FDA).
 - C. Centers for Disease Control (CDC).
 - D. Occupational Safety and Health Administration (OSHA)

Answer Key	
Item	Key
1	B
2	A
3	A
4	B

Answer Key	
Item	Key
5	B

NATIONAL-INTERSTATE COUNCIL OF STATE BOARDS OF COSMETOLOGY (NIC) REFERENCES

This list provides the references used to develop and support the content covered in the NIC National Electrology examinations. References will be the same across exam types for each exam. Candidates are responsible for using these most updated versions of references, as these editions were used to reference test material.

Standard

Milady's Hair Removal Techniques: A Comprehensive Manual

Copyrighted 2004

1st Edition

ISBN: 9781401815554

Milady www.Milady.com

Info@Milady.com;

Salon Fundamentals Esthetics

Copyrighted 2013

2nd Edition, 11th printing, 2nd Edition, August 2013

Pivot Point International, Inc. www.pivot-point.com

info@pivot-point.com; 847-886-0500, Ext. 7399

Supplemental

Milady Standard Esthetics Fundamentals + Foundations

Copyrighted 2020

12th Edition

ISBN: 9780357263792

Milady www.Milady.com

Info@Milady.com;

Salon Fundamentals Esthetics – A Resource for Your Skin Care Career

Copyrighted 2007

10th printing, 2nd Edition, September 2012

Pivot Point International, Inc. www.pivot-point.com

info@pivot-point.com; 847-886-0500, Ext. 7399

Copyright 2018 National-Interstate Council of State Boards of Cosmetology, Inc.