

Chapter 10-II: Facial Devices & Technology

Chapter Test

Multiple Choice | Esthetics Program

Name: _____ Date: _____ Score: _____ / 52

Instructions: Circle the letter of the best answer. Each question is worth 1 point. Answer all 52 questions.

Section 1: Importance & Electrotherapy Basics

Foundations of device use | Questions 1–5

- Electrotherapy is the:
 - Use of essential oils
 - Use of electrical devices for therapeutic benefit
 - Application of makeup
 - Manual massage
- Before using any device, the esthetician must understand its: **⚠ TRICKY**
 - Color only
 - Brand history
 - Benefits and contraindications
 - Price only
- An electrode is a(n):
 - Magnification level
 - Type of toner
 - Applicator that conducts current to the skin
 - Water filter
- Which is a contraindication for electrotherapy? **⚠ TRICKY**
 - Normal skin
 - Dry patches
 - Mild oiliness
 - Pacemaker or pregnancy
- Investing in high-quality machines can:
 - Eliminate consultations
 - Replace sanitation
 - Enhance results, credibility, and revenue
 - Reduce credibility

Section 2: Analysis & Warming Devices

Magnifying lamp, Wood's lamp, hot cabinet, rotary brush | Questions 6–13

- The two functions of a magnifying lamp are to:
 - Steam and cool
 - Magnify and illuminate the skin
 - Mix and store
 - Heat and dry
- The most common diopter for a magnifying lamp is: **⚠ TRICKY**
 - 5

- b) 2
- c) 10
- d) 3

8. A Wood's lamp uses _____ to reveal skin conditions in a darkened room.

- a) infrared heat
- b) galvanic current
- c) steam
- d) filtered ultraviolet (black) light

9. Under a Wood's lamp, oily areas/comedones appear: **△ TRICKY**

- a) Dark brown
- b) Pure white
- c) Blue-white
- d) Yellow or orange

10. Under a Wood's lamp, dehydrated skin tends to appear:

- a) Black
- b) Light violet
- c) Orange
- d) Yellow

11. Why enter the hot towel cabinet with clean gloves?

- a) To stay warm
- b) To avoid contaminating the towels
- c) To save time
- d) To improve lighting

12. The rotary brush primarily provides:

- a) Galvanic polarity
- b) Product injection
- c) Light mechanical exfoliation and cleansing
- d) Permanent hair removal

13. Rotary brush heads should be: **△ TRICKY**

- a) Never removed
- b) Cleaned and disinfected between clients
- c) Thrown in the steamer
- d) Reused without cleaning

Section 3: The Steamer

Safe and effective steam | Questions 14–18

14. The steamer should be filled with: **△ TRICKY**

- a) Distilled water
- b) Toner
- c) Tap water
- d) Saltwater

15. A benefit of steaming the skin is that it:

- a) Removes pigment
- b) Numbs the face
- c) Dries the skin out

- d) Softens sebum and hydrates the skin
16. Steam should be used cautiously or avoided on: **△ TRICKY**
- a) Combination skin
 - b) Inflamed or couperose (rosacea) skin
 - c) Oily skin
 - d) Normal skin
17. After each use, the steamer should be:
- a) Wiped down and maintained per the manufacturer
 - b) Left full
 - c) Filled with tap water
 - d) Stored hot
18. Letting the steamer run dry can:
- a) Hydrate skin faster
 - b) Damage the unit and create a hazard
 - c) Save water
 - d) Improve steam

Section 4: Galvanic Current

Direct current for cleansing and penetration | Questions 19–25

19. Galvanic current is a constant _____ current. **△ TRICKY**
- a) Tesla
 - b) alternating
 - c) sinusoidal
 - d) direct
20. Desincrustation uses galvanic current to: **△ TRICKY**
- a) Soften and emulsify sebum for deep cleansing
 - b) Tighten pores
 - c) Sanitize tools
 - d) Inject product
21. Iontophoresis uses galvanic current to:
- a) Cool the skin
 - b) Drive water-soluble products into the skin by polarity
 - c) Numb the face
 - d) Burn hair
22. Anaphoresis uses the _____ pole to soften tissue and open follicles. **△ TRICKY**
- a) negative
 - b) alternating
 - c) neutral
 - d) positive
23. Cataphoresis uses the _____ pole to soothe and tighten the skin. **△ TRICKY**
- a) negative
 - b) positive
 - c) alternating
 - d) neutral
24. When using galvanic current, polarity:

- a) Only affects color
- b) Does not matter
- c) Determines the chemical effect on the skin
- d) Is random

25. Desincrustation is most useful for which skin type?

- a) Sensitive, thin
- b) Dehydrated
- c) Dry, mature
- d) Oily, congested skin

Section 5: High-Frequency & Spray/Vacuum

Tesla current and other devices | Questions 26–31

26. The high-frequency machine uses:

- a) Filtered UV light
- b) Constant direct current
- c) Tesla (sinusoidal) current through glass electrodes
- d) Distilled steam

27. High-frequency current is primarily: **△ TRICKY**

- a) Product-penetrating
- b) Cooling
- c) Numbing
- d) Germicidal and stimulating

28. Product penetration with high frequency is: **△ TRICKY**

- a) Not possible
- b) The main use
- c) Easy
- d) Automatic

29. High-frequency current is commonly used on:

- a) Hair follicles for removal
- b) Deep wrinkles only
- c) Acne-prone skin for its antiseptic effect
- d) Pigmented lesions

30. The two effects of the vacuum (suction) machine are to: **△ TRICKY**

- a) Remove debris and stimulate circulation
- b) Heat and cool
- c) Mix and warm
- d) Magnify and light

31. The spray (atomizer) machine is used to:

- a) Inject filler
- b) Warm the feet
- c) Mist toner/freshener to hydrate and soothe
- d) Exfoliate deeply

Section 6: Paraffin, Mitts & Purchasing

Heat treatments and buying decisions | Questions 32–36

32. To prevent cross-contamination, paraffin wax is best applied: **△ TRICKY**
- a) Over gauze or with a brush (no double-dipping)
 - b) By reusing wax
 - c) By dipping the face into the tank
 - d) With bare hands
33. Electric mitts and boots:
- a) Warm the hands/feet to boost circulation and product penetration
 - b) Cool the extremities
 - c) Exfoliate the face
 - d) Sanitize tools
34. Before purchasing a device, an esthetician should research: **△ TRICKY**
- a) Regulations, insurance, clinical evidence, warranties, and training
 - b) Nothing
 - c) The competitor's prices only
 - d) Only the color
35. Continuing education on new devices helps the esthetician:
- a) Avoid clients
 - b) Offer current, safe, effective services
 - c) Ignore regulations
 - d) Skip disinfection
36. Researching insurance before a purchase matters because:
- a) It is free
 - b) It improves ambience
 - c) It speeds facials
 - d) Coverage/liability varies by device and may be required

Section 7: Electrotherapy & Polarity Review

Applying current safely | Questions 37–44

37. Active and inactive electrodes are part of: **△ TRICKY**
- a) Steaming
 - b) Paraffin dipping
 - c) An electrotherapy (current) circuit
 - d) Wood's lamp analysis
38. The inactive (indifferent) electrode is usually:
- a) The treating electrode
 - b) A crystal
 - c) Held by the client to complete the circuit
 - d) A glass tube
39. Galvanic desincrustation works best with a solution that is: **△ TRICKY**
- a) Oil-based
 - b) Sugar-based
 - c) Acidic
 - d) Alkaline
40. Iontophoresis relies on the principle that:
- a) Like charges repel, driving product into the skin

- b) Cold seals product
 - c) Opposites attract products
 - d) Heat melts product
41. Anaphoresis (negative pole) tends to:
- a) Numb the skin
 - b) Remove pigment
 - c) Tighten and harden tissue
 - d) Soften tissue and open follicles
42. Cataphoresis (positive pole) tends to: △ TRICKY
- a) Soothe, tighten, and calm the skin
 - b) Burn the skin
 - c) Inject filler
 - d) Soften and open follicles
43. Galvanic current is contraindicated for clients with: △ TRICKY
- a) Oily skin
 - b) Dry skin
 - c) Normal skin
 - d) Pacemakers, pregnancy, or metal implants
44. High-frequency current should not be used with products containing: △ TRICKY
- a) Alcohol
 - b) Glycerin
 - c) Aloe
 - d) Water

Section 8: Device Selection Scenarios

Matching devices to client needs | Questions 45–52

45. For a client with rosacea, which is generally SAFE to use? △ TRICKY
- a) Hot towels (with care)
 - b) Vacuum machine over the redness
 - c) Steamer up close
 - d) Rotary brush vigorously
46. To lightly exfoliate the skin, the esthetician could use the:
- a) Spray machine
 - b) Galvanic current
 - c) Rotary brush
 - d) Hot towel cabinet
47. To calm and hydrate the skin at the end of a facial, use the:
- a) Galvanic current
 - b) Vacuum machine
 - c) Spray (atomizer) machine
 - d) High-frequency machine
48. To soften sebum and prep for extractions, the esthetician uses the:
- a) Steamer
 - b) Wood's lamp
 - c) Electric mitts

d) Spray machine

49. To deep-clean an oily, congested skin with current, the esthetician chooses: **⚠ TRICKY**

a) Galvanic desincrustation

b) High-frequency only

c) Paraffin

d) Cataphoresis

50. To examine skin conditions invisible to the eye, the esthetician uses the:

a) Spray machine

b) Wood's lamp

c) Hot towel cabinet

d) Steamer

51. Electric mitts and boots are most appropriate during a:

a) Galvanic facial only

b) Steamer cleaning

c) Hand/foot or paraffin treatment

d) Wood's lamp analysis

52. A device with no clinical evidence or training support is:

a) A safe purchase

b) Required by law

c) A risky, possibly unsafe investment

d) Always effective

— End of Test (52 questions) —