



PROGRAM : NATIONAL DIPLOMA
SOMATOLOGY

MODULE : **DIATHERMY THEORY**

CODE : **STE 211 C**

DATE : SUPPLEMENTARY EXAMINATION
10 JANUARY 2018

DURATION : 3 HOURS
11:30 – 14:30

WEIGHT : 50:50

TOTAL MARKS : 130

EXAMINER : MRS.N. MATHENJWA

MODERATOR : MRS.D. CAMPBELL

NUMBER OF PAGES : 4 PAGES

INSTRUCTIONS : **ANSWER ALL QUESTIONS. READ THE QUESTIONS CAREFULLY.**

SECTION 1

QUESTION 1

Provide a detailed description on the importance of performing successful electrical epilation treatments during anagen over the other hair growth phases.

10

[10]

QUESTION 2

In table format, clearly differentiate between lanugo, vellus and terminal hair. Include in your answer:

1.1. alternative name

3

1.2. appearance

6

1.3. where it is usually found

6

[15]

QUESTION 3

Discuss the importance and advantages of using good quality diathermy needles over cheaper and poor quality ones.

9

[9]

QUESTION 4

There are a variety of needles available to the electrologist. Provided detailed descriptions of the following needles:

4.1. one-piece tapered needle

5

4.2. two-piece needle

4

4.3. uni-probe

4

[13]

QUESTION 5

Differentiate between hirsutism and hypertrichosis.

10

[10]

QUESTION 6

Hormonal influences are common causes of superfluous hair growth in women. Provide detailed explanations of the following well documented hormonal disorders:

6.1. PCOS **5**

6.2. Cushings Syndrome **5**
[10]

QUESTION 7

Lisa is a young caucasian lady who has come to you for advice on her superfluous hair issues. During the consultation you establish the following:

- Age: 22
- Occupation: Student and works part-time to pay student loan
- Menstrual issues: None
- History of superfluous hair: Mom, grandmother and aunt all have the same hair growth pattern
- Previous methods of hair removal: Bleaching
- Skin type and conditions: Normal skin with slight superficial dehydration
- Time constraints: Has very limited time due to studies/lectures etc

Using the information provided in the case study only, answer the following questions:

7.1 Identify and elaborate on the probable cause of Lisa's superfluous hair. **3**

7.2 Identify and describe the most appropriate type of needle to be used on Lisa. **4**

7.3 There are three types of currents used in diathermy. Identify and describe the current most suitable for Lisa, in table format, under the following headings:

- | | |
|--|----------|
| 7.3.1 Name of the current | 1 |
| 7.3.2 Motivate the use of this current over others | 4 |
| 7.3.3 Description of the current | 5 |
| 7.3.4 Advantages of this current over others | 3 |
| 7.3.5 Disadvantages if this current over others | |

[23]

TOTAL MARKS FOR SECTION 1: 90

SECTION 2

QUESTION 1

- | | | |
|-----|--|-------------|
| 1.1 | Identify factors that IPL professionals must examine before performing a treatment. | 9 |
| 1.2 | Provide and elucidate medications and treatments that must be avoided during photo light treatments. | 8 |
| 1.3 | Identify five factors that must be stipulated in the consent form for IPL treatment. | 4 |
| 1.4 | Identify five (5) possible ways of how the skin can burn with IPL | 4 |
| 1.5 | On average how many sessions is required for a significant reduction of hair growth and identify which factors that will help determine the number of session. | 4 |
| 1.6 | Identify six (6) skin conditions that IPL/LHE can be used for. | 6 |
| 1.7 | Give five (5) benefits of LHE treatments | 5 |
| | | [40] |
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