(*University of Choice*)

**MASINDE MULIRO UNIVERSITY OF SCIENCE AND TECHNOLOGY (MMUST)**

**UNIVERSITY EXAMINATIONS 2023/2024 ACADEMIC YEAR**

THIRD YEAR SUPPLEMENTARY/SPECIAL EXAMINATIONS

**FOR THE BACHELOR OF SCIENCE IN COSMETOLOGY (MAIN CAMPUS)**

**COURSE CODE:** TCO 313

COURSE TITLE: ADVANCED COSMETOLOGY MANAGEMENT AND PRACTICE

**DATE:** 22nd April 2024 **TIME:** 11.30 AM to 1.30 PM

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**INSTRUCTIONS TO CANDIDATES**

**Answer ALL questions**
TIME: 2 Hours

MMUST observes ZERO tolerance to examination cheating



This Paper Consists of 2 Printed Pages. Please Turn Over.

**QUESTION ONE [16 MARKS]**

a. Define the following as used in hair transplantation. [4 marks]

i. Micrograft
ii. Minigraft
iii. Follicular unit density
iv. Hair density

b. Discuss the three zones of the scalp. [6 marks]

c. With the help of a diagram, discuss the layers of the hair shaft. [6 marks]

**QUESTION TWO [18 MARKS]**

a. Human hair does not grow constantly and evenly but grows in phases and reproducible cycles. Discuss the hair growth cycle. [6 marks]

b. Norwood classified approximately 7 different types of male pattern hair loss. Identify these types. [7 marks]

c. During FUT hair transplantation, the outcome will greatly depend on the donor's hair quality and quantity. State the important factors that the clinician has to bear in mind. [5 marks]

**QUESTION THREE [17 MARKS]**

a. What are the three advantages of human hair as used in wigs and hair additions? [ 3 marks]

b. Discuss the three hair extension methods [6 marks]

c. During creative haircuts, state and explain the standard reference points that need to be considered. [8 marks]

**QUESTION FOUR [16 MARKS]**

a. Give any three reasons that can make clients to colour their hair [3 marks]

b. Discuss the eight key features of avant-garde. [16 marks]

**END**