



(University of Choice)

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

MAIN CAMPUS

SUPPLEMENTARY/ SPECIAL EXAMINATIONS

COURSE CODE: NCS 8231

COURSE TITLE: DERMATOLOGY NURSING

DATE: 12TH DECEMBER 2023

TIME: 3PM- 6PM

INSTRUCTIONS TO CANDIDATES

Answer all questions

TIME: 3 Hours

MMUST observes ZERO tolerance to examination cheating

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1. A 25-year-old woman presents with a complaint of rash that has developed over the past several weeks and seems to be progressing. On examination, she is noted to have several plaque-like lesions over the extensor surfaces of both upper and lower extremities as well as similar lesions on her scalp. The plaques are erythematous, with silvery scales, and are sharply marginated (20 marks)
 - A. What is the likely diagnosis (1 Mark)
 - B. What are the risk factors for development of the skin disease (6 marks)
 - C. What are the pathophysiologic mechanisms behind the development of the plaques, scale, and erythema characteristic of this disorder (6marks)
 - D. What immunologic defects have been implicated in patients with this skin disease (7 marks)
2. Describe the peri operative roles of the nurse while managing a patient with 66 percent burns to the body, scheduled for skin grafting (20 marks)
3. Describe the special nursing considerations while managing patients with dermatological conditions across the lifespan (20 marks)
4. Ms. Fee, a 15-year-old girl presents to the clinic complaining of “pimples” for last 6 months. She has been using an over-the-counter face wash four times a day to keep the oil and dirt off but it has not helped. Examination reveals several dozen erythematous papules and pustules over the forehead and central face with scattered open and closed comedones. A diagnosis of moderate inflammatory acne is made. Using the nursing process, discuss the management of Ms. Fee (20 marks)
5. Discuss the role of the nurse as part of the multidisciplinary team in prevention of skin disorders and promotion of good skin health (20 marks)