

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

EXAMINATION FOR THE AWARD OF DEGREE OF MASTER OF SCIENCE IN
NURSING

NUMS 848: DERMATOLOGY NURSING

STREAMS: MSC (NURSING)

TIME: 3 HOURS

DAY/DATE: WEDNESDAY 29/09/2021

11.30 A.M – 2.30 P.M.

INSTRUCTIONS:

- Do not write anything on the question paper.
- Mobile phones and any other reference materials are NOT allowed in the examination room.
- All Questions are compulsory.

QUESTIONS

1. A 28-year-old lady involved in a house fire is brought to the emergency department by her boyfriend. There is no information from the scene. She is complaining of severe pain in her neck, head and back. She sustained a full-thickness circumferential burn of her lower extremities and her lower back. She is asking about the status of her two children who perished in the fire
 - A. Using the Lund and Browder Method estimate the total body surface area burnt. (6 marks)
 - B. Manage the lady for the first 24 hours. (14 marks)

2. A 50-year-old professional footballer is having a routine physical examination. He states that his mother had malignant melanoma and that he is concerned about several lesions on his arms and neck. He asks about the risk factors for melanoma and about total body digital photography that a colleague had recently had
 - A. Describe five (5) common primary lesions found on the skin. (10 marks)
 - B. Describe five (5) common secondary lesions found on the skin. (10 marks)

3. A 35-year-old woman, who has two small children at home and is in the middle of a divorce, is admitted to your nursing unit for treatment of an acute flare of psoriasis.

Her skin is covered with bright red, dry scaling plaques, involving 60% of her body surface. Additionally, she has distortions of her fingers and pitted nail plates, and she reports bilateral ankle pain on awakening each day. She has been admitted for twice-daily bath treatments and to initiate an injectable biologic for management of her condition

- A. Describe the Pathophysiology of Psoriasis. (5 marks)
 - B. Using Nursing process describe her management for the first 48hours. (15 marks)
4. Describe contact dermatitis under the following headings
- A. Irritant contact dermatitis. (6 marks)
 - B. Allergic contact dermatitis. (6 marks)
 - C. Treatment of choice of contact dermatitis. (8 marks)
5. A. Explain four (4) ways in which neonates and infants skin differ from Adults. (8 marks)
- C. State seven clinical manifestations of Erythema Neonatorum (7 marks)
 - D. Outline the clinical manifestations of polymorphous eruption of pregnancy. (5 marks)
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