

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS.

SECOND YEAR EXAMINATION FOR MASTER OF SCIENCE IN NURSING
(MEDICAL-SURGICAL NURSING)

NUMS 848: DERMATOLOGY

STREAMS: Y2S3

TIME: 3 HOURS

DAY/DATE: WEDNESDAY 5/12/2018

11.30 A.M - 1.30 P.M

INSTRUCTIONS:

- This paper has five questions. Answer Question ONE and any other THREE Questions
- Do not write anything on the question paper

1. A 42-year old woman is being evaluated at the outpatient clinic due to pruritus and changes in the appearance of her skin. Past medical history is significant for HIV infection for which she is on treatment.
 - (a) Describe the clinical assessment for the above patient. [10 Marks]
 - (b) Discuss the common cutaneous manifestation of HIV and AIDS. [15 Marks]
2. Describe the common cutaneous manifestations of the following systemic diseases:
 - (a) Diabetes mellitus [5 Marks]
 - (b) Liver disease [5 Marks]
 - (c) Thyroid disorders [5 Marks]
 - (d) Rheumatoid arthritis [5 Marks]
 - (e) Cushing's syndrome [5 Marks]
3. Explain the causes, clinical presentation and management of the following dermatologic infections:
 - (a) Herpes simplex [8 Marks]
 - (b) Herpes zoster [9 Marks]
 - (c) Warts [8 Marks]

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4. The skin is the first line of defense against many micro-organisms. It harbours a number of bacterial and fungi mostly in the hairy areas:

(a) State any five mechanisms that guard the skin against microbial invasion. [5 Marks]

(b) Describe the causes, clinical manifestations and management of the following cutaneous bacterial infections:

(i) Impetigo [5 Marks]

(ii) Folliculitis [5 Marks]

(iii) Cellulitis [5 Marks]

(iv) Necrotizing fasciitis [5 Marks]

5. Many skin diseases require pharmacologic management which are delivered through multiple therapeutic approaches.

(a) Concerning the corticosteroids, indicate their dermatologic uses, common side effects and how to avoid them. [10 Marks]

(b) State the mechanism of action and the dermatologic indications of the following medications:

(i) Methotrexate [5 Marks]

(ii) Griseofulvin [5 Marks]

(iii) Itraconazole [5 Marks]

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