

CHUKA



UNIVERSITY

UNIVERSITY EXAMINATIONS

FOURTH YEAR EXAMINATION FOR THE DEGREE OF BACHELOR OF SCIENCE IN NURSING

NURS 445: DERMATOLOGY

STREAMS: Y4S1

TIME: 2 HOURS

DAY/DATE: THURSDAY 06/12/2018

11.30 A.M – 1.30 P.M

INSTRUCTIONS:

- 1. Do not write anything on the question paper.**
- 2. Mobile phones and any other reference materials are NOT allowed in the examination room.**
- 3. The paper has three sections. Answer ALL the questions.**
- 4. All your answers for Section I (MCQs) should be on one page.**
- 5. Number ALL your answers and indicate the order of appearance in the space provided in the cover page of the examination answer booklet.**
- 6. Write your answers legibly and use your time wisely**

MULTIPLE CHOICE QUESTIONS (10MARKS).

- Which of the following is/are found in the reticular layer of the skin?
 - Blood and lymph vessels
 - Nerves
 - Sensory nerve endings
 - Sebaceous glands
 - All of the above
- Sudoriferous glands secrete their secretion in response to:
 - Physiological process
 - Heat
 - Stress

- (d) Sexual experience
 - (e) In all of the above condition
3. Hair covers all of the following parts of the body except:
- (a) Sole
 - (b) Face
 - (c) Neck
 - (d) Trunk
 - (e) Outer vulva
4. An ulcer or erosion produced by scratching is:
- (a) Erosion
 - (b) Fissure
 - (c) Excoriation
 - (d) Atrophy
5. State the pigment disorder:
- (a) Birthmarks]
 - (b) Eczema
 - (c) Acne vulgaris
 - (d) Scleroderma
6. Impetigo:
- (a) Is a superficial bacteria infection caused by staphylococci
 - (b) Is a bacteria infection caused by Klesbsiella
 - (c) Is a superficial infection in healthy individual caused by group B,B-haemohytic streptococci
 - (d) Is a deep bacterial infection caused by group A b-haemohytic streptococci
7. Concerning the characteristic of eczema dermatitis:
- (a) The exact cause is known
 - (b) There is often family of eczema, asthma or hay fever
 - (c) the main cause is corticosteroids
 - (d) Results from poor hygiene
8. A serous skin in condition characterized by bullae of various sizes on apparently normal skin and mucous membrane is:

- (a) Exfoliative dermatitis
 - (b) Psoriasis
 - (c) Epidermal necrosis
 - (d) Pemphigus vulgaris
9. Which of the following statement is NOT true about tropical ulcer?
- (a) It is an infection caused by anaerobic bacteria called *Borrelia Vincenti*
 - (b) It is more common among adolescent males
 - (c) It is an infection caused by aerobic bacteria called *Borrelia vincenti*
 - (d) Lesion is a bleb filled with sanguineous fluid.
10. Which one of the following is not a skin disease caused by viruses?
- (a) Shingles
 - (b) Oralabial herpes
 - (c) Genital herpes
 - (d) Varicella

SECTION B: SHORT ANSWER QUESTION (20 MARKS)

1. Outline the three (3) clinical manifestation of type 1 herpes simplex virus infection and three clinical features of type II herpes simplex. [6 marks]
2. Enumerate the differences between primary and secondary lesions. [1 mark]
3. List 6 causes of seborrheic dermatitis. [3 marks]
4. Describe five (5) principles of dermatological therapy. [10 marks]

SECTION C: LONG ANSWER QUESTIONS (40 MARKS)

1. Mr. X is admitted in the ward with a diagnosis of psoriasis skin condition.
 - (a) Define psoriasis [1 mark]
 - (b) State five clinical features he will present with. [5 marks]
 - (c) Describe the pathophysiology of psoriasis. [7 marks]
 - (d) Outline three complications of psoriasis. [3 marks]
 - (e) Explain the role of the nurse in prevention and control of dermatology conditions. [4 marks]

2. An infestation by jigger is most prevalent among people who live in unhygienic conditions in our communities.
- (a) State two clinical manifestation of jigger. [2 marks]
- (b) Describe the lifecycle of jiggers. [6 marks]
- (c) Outline the role of the nurse in prevention and control of jiggers. [4 marks]
- (d) Explain the treatment and management of persons living in a community infested by jiggers. [8 marks]
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