



UNIVERSITY OF SWAZILAND
Faculty of Health Sciences
General Nursing Science Department

BACHELOR OF NURSING SCIENCE
FINAL EXAMINATION PAPER 2019

TITLE OF PAPER : ADULT MEDICAL-SURGICAL NURSING III
COURSE CODE : GNS317
DURATION : 2 HOURS
MARKS : 75

INSTRUCTIONS :

- : READ THE QUESTIONS & INSTRUCTIONS CAREFULLY
- : ANSWER **ALL** QUESTIONS
- : WRITE NEATLY & CLEARLY
- : EACH CORRECT FACT IS WORTH ONE [1] MARK
- : NO PAPER SHOULD BE BROUGHT INTO OR OUT OF THE EXAMINATION ROOM.
- : BEGIN EACH QUESTION ON A SEPARATE SHEET OF PAPER.

DO NOT OPEN THIS QUESTION PAPER UNTIL PERMISSION IS GRANTED BY THE INVIGILATOR.

QUESTION ONE

- a. Differentiate between the following;
 - i. Medical and surgical asepsis [4]
 - ii. Constructive and reconstructive surgery [2]
 - iii. Migraine with aura and migraine without aura [4]

- b. Briefly describe any three (3) duties of the scrub nurse in theatre [6]

Sub-total marks: 16marks

QUESTION TWO

SCENARIO: Tsembani is a 30-year-old athletic lady who is admitted into the unit following an incomplete spinal cord injury secondary to a fall from an avocado tree. She presents with paralysis in arms, hands, trunk and legs. The following questions relate to this scenario:

- a. State Tsembani's level of injury [1]
- b. Briefly describe any two (2) incomplete spinal cord lesions [4]
- c. Discuss the cascade of events following spinal cord injury that occur in the following systems:
 - i. Nervous system [3]
 - ii. Cardiovascular system [3]
 - iii. Immune system [3]
- d. Discuss the nursing management of Tsembani under the following headings:
 - i. Mobility [4]
 - ii. Respiration and airway clearance [4]
 - iii. Managing complications: autonomic dysreflexia [3]

Sub-total marks: 25 marks

QUESTION THREE

A client with end-stage renal disease has been admitted into your unit for haemodialysis and hypertension control. He presents with pitting oedema of the ankles, marked pallor and shortness of breath. His vital signs were BP 150/130mm Hg, T 37°C, P 80b/minute

- a. Discuss the pathophysiology leading to the elevated blood pressure in this client [4]
- b. Outline the nutritional therapy you would give to this client [4]
- c. State any two (2) drugs for controlling hypertension that may be ordered for this client [2]

Sub-total marks: 10 marks

QUESTION FOUR

Lady X is a commercial sex worker who comes to your unit to request for PrEP and an HIV test.

- a. State what the acronym PrEP stands for [1]
- b. State the eligibility criteria for initiation of PrEP [5]
- c. State the recommended PrEP regimen for Lady X [2]
- d. Outline the instructions on cycling on and off PrEP you would give to Lady X [3]
- e. Briefly describe the guiding principles that should be observed for HIV testing and counselling [5]

Sub-total marks: 16marks

QUESTION FIVE

Nomvuyo is a 35-year-old client who was diagnosed with chronic pancreatitis. She also presented with polyuria, polyphagia and polydipsia.

- a. Develop two (2) nursing diagnoses for this client [2]
- b. For each nursing diagnosis developed in (a) above, outline three nursing interventions. *(Each nursing intervention with a scientific rationale is worth one (1) mark)* [6]

Sub-total Marks: 8marks