

UNIVERSITY OF SWAZILAND
FACULTY OF HEALTH SCIENCES
GENERALNURSING SCIENCES

FINAL EXAMINATION- DECEMBER, 2008

COURSE CODE : NUR 510

TITLE : ADVANCED MEDICAL SURGICAL NURSING

DURATION : 2 HOURS

TOTLAL MARKS : 75

EXAMINER : DR P.S DLAMINI

- INSTRUCTIONS:**
- 1. ANSWER ALL QUESTIONS**
 - 2. EACH QUESTION CARRIES 25 POINTS**
 - 3. ½ A POINT IS GIVEN FOR A FACT AND ½ A POINT FOR A RATIONALE**
 - 4. WRITE LEGIBLY**

DO NOT OPEN THE QUESTION PAPER UNTIL PERMISSION HAS BEEN GRANTED BY THE INVIGILATOR

QUESTION ONE

A) Critical care nursing is mainly concerned with offering holistic patient- centred care.

i) Discuss the nursing actions and possible outcomes for each area of holistic care that you will render a patient who is undergoing cardiac surgery. (10)

B) Legal issues are some of the aspects highly applicable in critical care.

Describe the concept of malpractice as applied in critical care nursing (5)

C) Mr. Maseko was involved in a car accident and is experiencing sleep pattern disturbances.

Discuss your nursing care based on the following nursing diagnosis:-

i) sleep disturbances related to anxiety and discomfort (5)

ii) central sleep apnea related to status post uvulopaltopharyngoplasty (5)

TOTAL MARKS: 25

QUESTION TWO

The family of Mr. Petros is faced with end of life issues since his prognosis is very poor

a) Discuss family care during end of life issues under the following headings

i) Communication needs (2.5)

ii) Waiting for good news (2.5)

b) The paediatric patient in the adult critical care unit is one of the critical aspect of nursing care in the critical care unit

i) Discuss how ventilator-patient asynchrony can arise in the infant or child in mechanical ventilation (5)

ii) Discuss the parent's experiences of a child's critical illness (5)

c) Mrs Monde, a 28 year old female is admitted into the critical care unit due to obstetric trauma.

i) Describe the fetal studies to be carried out to detect fetal distress (5)

D) Mrs Dlamini is 84 years old and admitted due to hip dislocation and her condition is very unstable after the surgery.

i) Describe the age related pharmacokinetics that would influence nursing care delivery of Mrs Dlamini (5)

TOTAL MARKS : 25

QUESTION THREE

- a) Discuss the management of acute myocardial infarction (MI) under the following nursing diagnoses:
- i) Acute pain related to transmission and perception of cutaneous, visceral and muscular ischaemic impulses (2)
 - ii) Decreased cardiac output related to alterations in contractility (2)
- b) Discuss the management of acute heart failure under the following nursing diagnosis
- i) Impaired gaseous exchange related poor cardiac contractility (2)
 - ii) Activity intolerance related to cardiopulmonary dysfunction (2)
 - iii) Decreased cardiac output related to alteration in preload (2)
- c) Pacemaker settings are very important so that it can be initiated quickly during emergency situations
- i) Describe the pacemaker settings (8)
- d) **Air leak disorders of the pulmonary system tend to require critical care**
- i) State the two common air leak conditions (2)
 - ii) Discuss the nursing management of maintaining the chest tubes in a patient with any of the air leak conditions (5)

TOTAL MARKS : 25