

**UNIVERSITY OF SWAZILAND
FACULTY OF HEALTH SCIENCES
SEMESTER ONE FINAL EXAMINATION PAPER
DECEMBER 2007**

COURSE CODE: NUR 430
TITLE OF THE COURSE: ADVANCED MED-SURG NURSING
TIME ALLOCATED: 2 HOURS
MARKS ALLOCATED: 75

INSTRUCTIONS

- 1. ANSWER ALL QUESTIONS**
- 2. EACH QUESTION CONSISTS OF 25 MARKS**
- 3. WRITE CLEARLY**
- 4. ONE MARK FOR A FACT**

NUR 430 FINAL EXAMINATION

Question 1 Multiple choice

Select the most appropriate answer for each of the following questions

A.

- 1.1 A patient is receiving a loop diuretic. The nurse should be alert to which of the following symptoms?
- a. restlessness and agitation
 - b. paresthesias and irritability
 - c. weak irregular pulse and poor muscle tone
 - d. increased blood pressure and muscle tone
- 1.2 Implementation of nursing care for the patient with hyponatremia includes
- a. fluid restriction
 - b. administration of hypotonic IV fluids
 - c. administration of cation exchange resin
 - d. increased water intake for patients on nasogastric suction.
- 1.3 The nurse recognizes that a person who is subjected to chronic stress or daily hassles could be at higher risk for
- a. osteoporosis
 - b. cold and flue
 - c. low blood pressure
 - d. high serum cholesterol

- 1.4 A patient has the following arterial blood gas results: pH – 7.52; PaCO₂ – 30mmHg; HCO₃ – 24mEq/L. The nurse determines that these results indicate
- metabolic acidosis
 - metabolic alkalosis
 - respiratory acidosis
 - respiratory alkalosis
- 1.5 Screening for HIV infection generally involves
- laboratory analysis of blood to detect HIV antigen
 - electrophoresis analysis of HIV antigen in plasma
 - laboratory analysis of blood to detect HIV antibodies
 - analysis of lymph tissues for the presence of HIV RNA
- 1.6 A diagnosis of AIDS is made when an HIV infected patient has
- CD₄ cell count of below 200/uH
 - An increased amount of HIV in the blood
 - A reversal of the CD₄: CD₈ ratio to less than 2:1
- 1.7 Opportunistic diseases in HIV infection
- usually occur one at a time
 - are generally slow to develop and progress
 - occur in the presence of immunosuppression
 - are curable with appropriate pharmacologic interventions
- 1.8 The majority of the body's water is contained in which of the following fluid compartment
- interstitial
 - intracellular
 - extracellular
 - intravascular

- 1.9 When the nurse determines that the patient's anxiety needs to be relieved before effective teaching can be implemented, the phase of the nursing process being used is
- assessment
 - diagnosis
 - planning
 - evaluation
- 1.10 The primary purpose of the evaluation phase of the nursing process is to
- assess the patient's strength
 - describe new nursing diagnosis
 - implement new nursing strategies
 - identify patient progress toward outcome
- 1.11 A patient has a nursing diagnosis of stress urinary incontinence related to overdistention between voiding. An appropriate nursing intervention for this patient related to this nursing diagnosis is to
- provide privacy for toileting
 - monitor colour, odour and clarity of urine
 - teach the patient to void at 2 hour intervals
 - provide patient with pineal pads to absorb urine leakage
- 1.12 An example of an independent nursing intervention is
- administering blood
 - starting an intravenous fluid
 - teaching a patient about the effects of prescribed drugs
 - administering emergency drugs according to institutional protocols
- 1.13 Pain is described as
- a creation of a person's imagination
 - an unpleasant, subjective experience

- c. a maladaptive response to a stimuli
- d. a neurological event resulting from activation of nociceptors

1.14 Unrelieved pain is

- a. to be expected after major surgery
- b. to be expected in a person with cancer
- c. dangerous and can lead to many physical and psychological complications
- d. an annoying sensation, but it is not as important as other physical care needs

1.15 During the initial pain assessment process the nurse should

- a. assess critical sensory components
- b. teach the patient about pain therapies
- c. conduct a comprehensive pain assessment
- d. provide appropriate treatment and evaluate its effect

(15 marks)

- B. i. Explain the effects of aging on drug metabolism. (6)
- ii. Describe possible nurse-teacher stressors. (4)

(10 marks)

TOTAL 25 MARKS

Question 2

Mrs Dlamini is 32 years old, married with two young children. She has tested positive to an HIV test. Discuss

- i. Mrs Dlamini's loss(es) (8)

- ii. What type of stressors is she likely to experience and how would you manage these. (12)
- iii. Identify five changes in society that would influence nursing. (5)

TOTAL 25 MARKS

Question 3

Mr X has the following laboratory results: (see back page)

- i. What additional assessment would you carry out? (10)
- ii. Write down five nursing diagnoses based on the data. (5)
- iii. Describe your intervention for the identified diagnoses (two for each) (10)

TOTAL 25 MARKS